

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127093 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 256-8889</b>							
6. Transporter 1 Company Name <b>Clean Harbors EnvuSucs</b>			U.S. EPA ID Number <b>MAAD 0393 22250</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	x	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG	
14. Special Handling Instructions and Additional Information <b>1. CH807319B</b> <b>ERG#171</b> <b>BOX # 20940</b> <b>OSD 8-18-2014</b> <b>TRK 1627</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>			Signature <i>Bob Cover</i>		Month Day Year <b>10 21 2014</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter signature (for exports only): _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Gary mck. ss ck</b>			Signature <i>[Signature]</i>		Month Day Year <b>10 21 14</b>	
	Transporter 2 Printed/Typed Name			Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Grm weights of 16,880 lbs (7658 Kg) per Sarah Love (10/19/14)</b> Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>H132</b>	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <b>Ellene DeZeeuw</b>			Signature <i>Ellene DeZeeuw</i>		Month Day Year <b>10 22 14</b>	

## LOAD SUMMARY RECORD

GM

9:45 10 22 14  
57800 lb GROSS  
0 lb TARE  
57800 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Ble</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		2C.		<i>up</i>	<i>up</i>	10/22
DATE			LOAD NO.			
10/22/14			2014011965			
GENERATOR			HAULER			
DOW			CH			
ORDER NO.			DRUM NO.			
1401533075			4124 8857			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
1667		CHHP 20940				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

CD

22/Oct/2014 11:24:51  
GROSS lbs. 57800  
TARE lbs. 40920  
NET lbs. 16880

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES NO	INTERIOR EXTERIOR			
WASHOUT SIGNATURE	DATE			
<i>[Signature]</i>	10/22/14			
DRIVER SIGNATURE	DATE			

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Resolved		10/28/14

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/6/2014

Generator EPA ID: COD030446637

Load #: 14011250  
Manifest #: 007020534FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40972211	8/18/2014	CM	40972211 /	PCB Solids For Landfill	10/7/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, October 08, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number C00030446637	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 007020534 FLE
5. Generator's Name and Mailing Address Dow Chemical Company 3555 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889			Generator's Site Address (if different than mailing address) SAME		
6. Transporter 1 Company Name Weier, Inc.			U.S. EPA ID Number IND 984868406		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900			U.S. EPA ID Number UTD991301748		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
x	1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III	1	CM	EST 1,340	KG
	2.				
	3.				
	4.				
14. Special Handling Instructions and Additional Information 1. CH807319B      ERG#171      BOX # 20923 OSD 8-18-2014      TRK #89					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name Bob Cover		Signature ON BEHALF OF Bob Cover		Month Day Year 10/6/2014	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Gary Thalmann Jr		Signature Gary Thalmann Jr		Month Day Year 10/06/2014	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: U.S. EPA ID Number					
18b. Alternate Facility (or Generator)					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H132	2.	3.	4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name Keith Grunwells		Signature Keith Grunwells		Month Day Year 10/07/14	



**LOAD SUMMARY RECORD**

GM

7:12 10 07 14  
63460 lb GROSS  
0 lb TARE  
63460 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Br</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC</i>		<i>X19</i>		
DATE			LOAD NO.			
<i>10/7/14</i>			<i>2014011250</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>Neier</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>40972211</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>89</i>		<i>CHHP 20923</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD*

07/Oct/2014 09:24:31  
GROSS lbs. 63460  
TARE lbs. 41500  
NET lbs. 21960

*9959kg*

LOAD WASHOUT INFORMATION		WASHOUT STAMP	
WASHOUT:	TYPE:		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>		
WASHOUT SIGNATURE	DATE		
<i>[Signature]</i>	<i>10-7-14</i>		
DRIVER SIGNATURE	DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/7/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011253  
Manifest #: 007020536FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40972972	8/18/2014	CM	40972972 /	PCB Solids For Landfill	10/7/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Ashane B. Whitney*

Authorized Agent

Wednesday, October 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>C00030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020536 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>			U.S. EPA ID Number <b>MAH0293222SD</b>			
6. Transporter 1 Company Name <b>Clean Harbors Env'l Svcs</b>			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
<b>X</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1</b>	<b>CM</b>	<b>EST 11,340</b>	<b>KG</b>	
14. Special Handling Instructions and Additional Information <b>1. CH807919B ERG#171</b> <span style="float: right;"><b>BOX # CHRT 26368</b></span>						
<b>OSD 8-18-2014</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <b>Bob Cooper</b>			Signature <i>[Signature]</i>		Month <b>10</b>	Day <b>6</b>
					Year <b>14</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Michael P. Martin</b>			Signature <i>[Signature]</i>		Month <b>10</b>	Day <b>6</b>
Transporter 2 Printed/Typed Name			Signature		Year <b>14</b>	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Elene Nozeman</b>			Signature <i>[Signature]</i>		Month <b>10</b>	Day <b>07</b>
					Year <b>14</b>	



## LOAD SUMMARY RECORD

GM

7:52 10 07 14  
72940 lb GROSS  
0 lb TARE  
72940 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bk</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC</i>		<i>KG</i>		<i>CD</i>
DATE			LOAD NO.			
<i>10/7/14</i>			<i>2014011253</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>40972972</i>			
TRUCK NO.	CONTAINER NO. (s)/ RAILCAR NO.					
<i>1599</i>	<i>CHRT 26368</i>					
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

07/Oct/2014 10:10:33  
GROSS lbs. 72940  
TARE lbs. 42060  
NET lbs. 30880  
*14006 kg*

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TYPE: <input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR	<b>WHEEL WASH</b>  OCT 7 2014  GRASSY MOUNTAIN FACILITY
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	
	<i>10-7-14</i>	
	<i>7 Oct 2014</i>	

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/6/2014

Generator EPA ID: COD030446637

Load #: 14011216  
Manifest #: 007020538FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40958997	8/18/2014	CM	40958997 /	PCB Solids For Landfill	10/6/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 07, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020538 FLE</b>				
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3955 Mohne Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env. Serv.</b>			U.S. EPA ID Number <b>MA1039322250</b>						
7. Transporter 2 Company Name			U.S. EPA ID Number						
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>						
9a. HM	x	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) <b>1. RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	10. Containers		11. Total Quantity <b>est 11,340 KG</b>	12. Unit WL/Vol. <b>KG</b>	13. Waste Codes		
			No.	Type					
			<b>1</b>	<b>CM</b>					
14. Special Handling Instructions and Additional Information <b>1. CH807919B      ERG#171      Box # 20034      QSD 8-18-2014      TRK 1600</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>					Signature <i>Bob Cover</i>		Month Day Year <b>10   3   14</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>Jeff H. Bohner</b>					Signature <i>Jeff H. Bohner</i>		Month Day Year <b>10   3   14</b>		
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM Weight of 9823 kg Per Sarah Kave 'KG'</b>									
18b. Alternate Facility (or Generator) _____ (Manifest Reference Number) _____ U.S. EPA ID Number _____									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2. _____		3. _____		4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Ellene Nozariand</b>					Signature <i>Ellene Nozariand</i>		Month Day Year <b>10   10   14</b>		



## LOAD SUMMARY RECORD

GM

13:10 10 06 14  
65220 lb GROSS  
0 lb TARE  
65220 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <u>B6</u>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED <u>1</u>	DROPPED	FINAL CODE <u>ZC</u>	REVIEWED	WEIGHTS <u>KG</u>	GRIDS <u>KG</u>	MANIFEST MAILED <u>10.6</u>
DATE <u>10/6/14</u>			LOAD NO. <u>2014011216</u>			
GENERATOR <u>DOW</u>			HAULER <u>CH</u>			
ORDER NO. <u>1401533075</u>			DRUM NO. <u>40958997</u>			
TRUCK NO. <u>1600</u>		CONTAINER NO. (s)/ RAILCAR NO. <u>CHHP 20034</u>				
CONTAINER TYPE: ED <u>(G)</u> TT FB V OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

CD

06/Oct/2014 15:03:10  
GROSS lbs. 65220  
TARE lbs. 43560  
NET lbs. 21660 ✓

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT: <u>YES</u> NO	TYPE: INTERIOR EXTERIOR		<b>WHEEL WASH</b> OCT 6 2014 GRASSY MOUNTAIN FACILITY	
WASHOUT SIGNATURE <u>[Signature]</u>	DATE <u>10-6-14</u>			
DRIVER SIGNATURE	DATE			

ITEM	COMMENTS	NAME	DATE
	Weight Discrepancy Resolved		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/30/2014

Generator EPA ID: COD030446637

Load #: 14012317  
Manifest #: 007020539FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41432165	8/18/2014	CM	41432165 /	PCB Solids For Landfill	10/30/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Friday, October 31, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020539 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>					Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 266-8889</b>									
6. Transporter 1 Company Name <b>Clean Harbors Env. Svcs</b>					U.S. EPA ID Number <b>MA00393 22250</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>					U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			1 <b>CM</b>		<b>est 1,340</b>	<b>K6</b>	
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>Box # HP20992</b> <b>OSD 8-18-2014 TRK # 1627</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>					Signature <i>Bob Cover</i>		Month Day Year <b>10 29 2014</b>		
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
	Transporter signature (for exports only):								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>Carol MFK sick</b>					Signature <i>Carol MFK sick</i>		Month Day Year <b>10 29 2014</b>	
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 10,340 lbs (4,713 kg) per Sarah Lane. (w) 10/30/14</b>								
	18b. Alternate Facility (or Generator)					Manifest Reference Number:			U.S. EPA ID Number
	Facility's Phone:								
	18c. Signature of Alternate Facility (or Generator)					Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Elene DeZeeuw</b>					Signature <i>Elene DeZeeuw</i>		Month Day Year <b>10 30 14</b>		



## LOAD SUMMARY RECORD

GM

9:14 10 30 14  
57880 lb GROSS  
0 lb TARE  
57880 lb NET

LOAD DISPOSAL DESTINATION			
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>BL</i>	<input type="checkbox"/> SPOT STABILIZATION

LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>68</i>		<i>W</i>	<i>W</i>	<i>10/30</i>

DATE <i>10/30/14</i>	LOAD NO. <i>2014012317</i>
-------------------------	-------------------------------

GENERATOR <i>DOW</i>	HAULER <i>CH</i>
-------------------------	---------------------

ORDER NO. <i>1401533075</i>	DRUM NO. <i>41432165</i>
--------------------------------	-----------------------------

TRUCK NO. <i>1627</i>	CONTAINER NO. (s) / RAILCAR NO. <i>CHHP 20992</i>
--------------------------	--

CONTAINER TYPE: ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER	LOAD COUNT (RAIL ONLY): 1 2 3 4
--	------------------------------------

OPERATOR SIGNATURE	COUNT	DATE
--------------------	-------	------

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TYPE: <input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR	
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>10-30-14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy - Resolved</i>		<i>7/13/14</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075

Date Received: 10/31/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14012358

Manifest #: 007020542FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41458091	8/18/2014	CM	41458091 /	PCB Solids For Landfill	10/31/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, November 03, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020542 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>					Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 256-8889</b>									
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>					U.S. EPA ID Number <b>MAAD3322250</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville UT 84029</b>					U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
					No.	Type			
	<b>x</b>	<b>1. RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			<b>1</b>	<b>CM</b>	<b>est 15340</b>	<b>KG</b>	
		<b>2.</b>							
		<b>3.</b>							
	<b>4.</b>								
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>Box # 20239</b> <b>CHRT</b> <b>OSD 8-18-2014</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>					Signature <b>on behalf of Bob Cover</b>		Month Day Year <b>10 30 14</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>Glenn B Alligood</b>				Signature <b>Glenn B Alligood</b>		Month Day Year <b>10 30 14</b>		
	Transporter 2 Printed/Typed Name				Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	<b>OK to use Gm Weight of 9224 kg per Sarah Love</b> Manifest Reference Number: <b>KG 10 31 14</b>								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
	Facility's Phone:								
	18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
	1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
	Printed/Typed Name <b>Keith Brummett</b>				Signature <b>Keith Brummett</b>		Month Day Year <b>10 31 14</b>		



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <b>86</b>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<b>88</b>		<b>K67 K69</b>	<b>109</b>	
DATE			LOAD NO.			
<b>10/31/14</b>			<b>2014012350</b>			
GENERATOR			HAULER			
<b>Dow</b>			<b>CHES</b>			
ORDER NO.			DRUM NO.			
<b>1401533075</b>			<b>41458091</b>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<b>1597</b>		<b>CHRT 20239</b>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <b>G</b> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	
LOAD WASHOUT INFORMATION				WASHOUT STAMP		
WASHOUT:		TYPE:		<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>ELW</b>  <b>10/31/14</b> </div>		
<b>YES</b> NO		INTERIOR EXTERIOR				
WASHOUT SIGNATURE		DATE				
DRIVER SIGNATURE		DATE				
<b>[Signature]</b>		<b>10/31/14</b>				
<b>[Signature]</b>						
ITEM	COMMENTS				NAME	DATE
	<b>Weight Discrepancy Resolved</b>					

7:17 10 31 14  
 60480 lb GROSS  
 0 lb TARE  
 60480 lb NET

31/Oct/2014 10:20:07  
 GROSS lbs. 60480  
 TARE lbs. 40140  
 NET lbs. 20340

**7224 kg**

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/3/2014

Generator EPA ID: COD030446637

Load #: 14011193  
Manifest #: 007020546FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40932851	8/18/2014	CM	40932851 /	PCB Solids For Landfill	10/3/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 06, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CD0030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 463-3718</b>	4. Manifest Tracking Number <b>007020546 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
6. Transporter 1 Company Name <b>Clean Harbors S+V SUCO</b>			U.S. EPA ID Number <b>MAD039322250</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit WL/Vol.
	x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	EST 11,340 KG
		2.			
		3.			
		4.			
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171 BOX# 251457 TRK# 1480</b> <b>DSD 8-18-2014</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>			Signature "ON BEHALF OF" <b>Bob Cover</b>		Month Day Year <b>10   2   2014</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>ERACLO ELY</b>		Signature <b>[Signature]</b>		Month Day Year <b>10   2   2014</b>
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 18,960 lbs (8599 kg) per Sara Lave.</b>				
	18b. Alternate Facility (or Generator)		Manifest Reference Number: _____		
	Facility's Phone: _____		U.S. EPA ID Number _____		
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
4.		2014/01/193			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Keith Grunwald</b>			Signature <b>Keith Grunwald</b>		Month Day Year <b>10   3   14</b>



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>BC</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRID#	MANIFEST MAILED
		<i>AB</i>		<i>BC</i>	<i>4C</i>	<i>10/3</i>
DATE			LOAD NO.			
<i>10-3-14</i>			<i>201410181193</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>40932851</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1480</i>		<i>231457</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

13:23 10 03 14  
58260 lb GROSS  
0 lb TARE  
58260 lb NET

03/Oct/2014 15:46:14  
GROSS lbs. 58260  
TARE lbs. 39300  
NET lbs. 18960

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
YES NO	INTERIOR EXTERIOR	
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	
<i>[Signature]</i>	<i>10-3-14</i>	

ITEM	COMMENTS	NAME	DATE
	<i>weight discrepancy sent email</i>	<i>SSM kg</i>	
		<i>(247)</i>	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company

Sales Order#: 1401533075

Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Date Received: 10/3/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011161

Manifest #: 007020544FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40925721	8/18/2014	CM	40925721 /	PCB Solids For Landfill	10/3/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Monday, October 06, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CO0030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 463-3718</b>	4. Manifest Tracking Number <b>007020544 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>			U.S. EPA ID Number <b>MAAD 0393 22250</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>		
9a. HM					
9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity
			No.	Type	12. Unit WL/Vol.
1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			<b>1</b>	<b>CM</b>	<b>OST 11340 KG</b>
2.					
3.					
4.					
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>Box # 20446 TRK 1627</b> <b>OSD 8-18-2014</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <b>Bob Cover</b>		Month Day Year <b>10 02 2014</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Gary McKelick</b>			Signature <b>Gary McKelick</b>		Month Day Year <b>10 02 2014</b>
Transporter 2 Printed/Typed Name			Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <b>8027KG</b> <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
<b>OK to 1120 GM Weight 817700 lbs per Sarah Lane KG 13</b>					
18b. Alternate Facility (or Generator)			Manifest Reference Number <b>201401161</b>		
Facility's Phone:			U.S. EPA ID Number		
18c. Signature of Alternate Facility (or Generator) <b>Keith Bucknell</b>			Signature <b>Keith Bucknell</b>		Month Day Year <b>10 03 14</b>
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
4.		5.		6.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Keith Bucknell</b>			Signature <b>Keith Bucknell</b>		Month Day Year <b>10 03 14</b>



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>PL</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>SE</i>		<i>KL</i>	<i>KL</i>	
DATE			LOAD NO.			
<i>10.3.14</i>			<i>2014011161</i>			
GENERATOR			HAULER			
<i>1401533 DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>40925721</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1627</i>		<i>CHMP20446</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

9:31 10 03 14  
59480 lb GROSS  
0 lb TARE  
59480 lb NET

03/Oct/2014 11:42:38  
GROSS lbs. 59840  
TARE lbs. 42140  
NET lbs. 17700 ✓

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<input checked="" type="radio"/> YES NO	INTERIOR EXTERIOR	
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	
<i>JA</i>	<i>10.3.14</i>	

ITEM	COMMENTS	NAME	DATE
	<i>Box Not Tracked</i>		
	<i>Weight Discrepancy Resolved</i>	<i>8027kg</i>	
	<i>Email Sent 10.3</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/3/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011152  
Manifest #: 007020543FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40924167	8/18/2014	CM	40914167 /	PCB Solids For Landfill	10/3/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 06, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020543</b>		<b>FLE</b>	
		5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>		Generator's Site Address (if different than mailing address) <b>SAME</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>		U.S. EPA ID Number <b>MAD 0393 22250</b>		7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>		U.S. EPA ID Number <b>UTD991301748</b>		Facility's Phone: <b>(435) 884-8900</b>						
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
	x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			1 CM		EST 11,340	KG		
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>1. CH807319B      ERG#171      Box # 251205      OSD 8-18-2014      Trk # 1599</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>										
Signature <b>Bob Cover</b>										
Month Day Year <b>10 2 2014</b>										
<b>TRANSPORTER</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <b>MICHAEL P. MATEJKA</b>									
Signature <b>Michael P. Matejka</b>										
Month Day Year <b>10 2 2014</b>										
Transporter 2 Printed/Typed Name										
Signature										
Month Day Year										
<b>DESIGNATED FACILITY</b>	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	<b>OK to use GM weights of 200 lbs per sack Lave 10-3</b>									
	18b. Alternate Facility (or Generator)									
	U.S. EPA ID Number									
Facility's Phone:										
18c. Signature of Alternate Facility (or Generator)										
Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b> 2. 3. 4.										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Keith Furnells</b>										
Signature <b>Keith Furnells</b>										
Month Day Year <b>10 3 14</b>										



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>BC</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>AB</i>		<i>K6X K6Y</i>		
DATE			LOAD NO.			
<i>10/3/14</i>			<i>2014011152</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>CHES</i>			
ORDER NO.			DRUM NO.			
<i>14DF533075</i>			<i>40924167</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>251205</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <u>G</u> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

9:04 10 03 14  
60160 lb GROSS  
0 lb TARE  
60160 lb NET

03/Oct/2014 11:31:24  
GROSS lbs. 60160  
TARE lbs. 39880  
NET lbs. 20280 ✓

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<b>WHEEL</b>  <b>OCT 3 2014</b>  <b>GRASSY MOUNTAIN</b>	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE	DATE			
<i>[Signature]</i>	<i>10-3-14</i>			
DRIVER SIGNATURE	DATE			
<i>[Signature]</i>	<i>3 Oct 2014</i>			

ITEM	COMMENTS	NAME	DATE
	Weight Discrepancy resolved 9197kg		
	Email Sent 10/3		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

**CERTIFICATE OF DISPOSAL**

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/29/2014

Generator EPA ID: COD030446637

Load #: 14012265  
Manifest #: 007020547FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41402538	8/18/2014	CM	41402538 /	PCB Solids For Landfill	10/29/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Akane B. Whitney*

Authorized Agent

Thursday, October 30, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020547 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>			U.S. EPA ID Number <b>MAID039322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1 <b>CM</b>		<b>EST 11,340</b>	<b>KG</b>	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. CH807319B</b> <b>ERG#171</b> <b>12T BOX # 26308</b> <b>OSD 8-18-2014 TRK# 33051</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature "on behalf of" <b>Bob Cover</b>		Month Day Year <b>10/28/14</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Ernest B. Smith</b>			Signature <b>[Signature]</b>		Month Day Year <b>10/28/14</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ellene DeZeeuw</b>			Signature <b>Ellene DeZeeuw</b>		Month Day Year <b>10/29/14</b>	



## LOAD SUMMARY RECORD

7:43 10 29 14  
70620 lb GROSS  
0 lb TARE  
70620 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C</i>		<i>(signature)</i>		
DATE			LOAD NO.			
<i>10/29/14</i>			<i>2014012265</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41402538</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>88051</i>		<i>CHRT 26308</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

*CD* 29/Oct/2014 09:31:43  
GROSS lbs. 70620  
TARE lbs. 45280  
NET lbs. 25340

LOAD WASHOUT INFORMATION			WASHOUT STAMP		
WASHOUT:	TYPE:		<b>WHEEL WASH</b>  OCT 27 2014  GRASSY MOUNTAIN FACILITY		
<input checked="" type="checkbox"/> YES NO	INTERIOR <input checked="" type="checkbox"/> EXTERIOR				
WASHOUT SIGNATURE	DATE				
<i>(signature)</i>	<i>10-29-14</i>				
DRIVER SIGNATURE	DATE				

ITEM	COMMENTS	NAME	DATE

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 9/11/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14010275  
Manifest #: 007020548FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40491593	8/18/2014	CM	40491593 /	PCB Solids For Landfill	9/11/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Friday, September 12, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020548 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
Generator's Phone: <b>(970) 256-8889</b>					
6. Transporter 1 Company Name <b>Clean Harbors Env Svc S</b>			U.S. EPA ID Number <b>MA12039322250</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD891301748</b>		
Facility's Phone: <b>(435) 884-8900</b>					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
x	1. <b>RO UN3432 POLYCHLORINATED BIPHENYLS SOLID MIXTURE, 9, PG III</b>	1	CM	11,310 (est) 15	Kg
	2.				
	3.				
	4.				
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>* 26305 Soil</b> <b>OSD: 8-18-14</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature "on behalf of" <i>[Signature]</i>		Month Day Year <b>9 10 14</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Maria P. Matewa</b>			Signature <i>[Signature]</i>		Month Day Year <b>9 10 14</b>
Transporter 2 Printed/Typed Name			Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weights of 20000 lbs (9101 kg) per Sarah Laves</b> <b>9/11/14</b>					
18b. Alternate Facility (or Generator)			Manifest Reference Number: _____ U.S. EPA ID Number: _____		
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)			Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
4.		5.		6.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Ellene DeZeeuw</b>			Signature <i>[Signature]</i>		Month Day Year <b>09 11 14</b>



**LOAD SUMMARY RECORD**

GM

**LOAD DISPOSAL DESTINATION**

☐ STABILIZATION
 ☐ RCRA CELL
 ☒ TSCA CELL *B6*
☐ SPOT STABILIZATION

**LOAD TRACKING INFORMATION**

PLANT RECEIVED ☐ DROPPED ☐ FINAL CODE *88* REVIEWED ☐ WEIGHTS *ea* GRIDS ☐ MANIFEST MAILED ☐

DATE *9/11/14* LOAD NO. *2014010275*

GENERATOR *DOW* HAULER *CH*

ORDER NO. *1401533075* DRUM NO. *40491593*

TRUCK NO. *1599* CONTAINER NO. (s)/ RAILCAR NO. *CHRT 26305*

CONTAINER TYPE: *ED (G) TT FB V OTHER* LOAD COUNT (RAIL ONLY): *1 2 3 4*

OPERATOR SIGNATURE \_\_\_\_\_ COUNT \_\_\_\_\_ DATE \_\_\_\_\_

**LOAD WASHOUT INFORMATION**

**WASHOUT STAMP**

WASHOUT: *YES* NO TYPE: INTERIOR EXTERIOR

WASHOUT SIGNATURE *[Signature]* DATE *9-11-14*

DRIVER SIGNATURE *[Signature]* DATE *11 SEP 2014*

GRASSY MOUNTAIN FACILITY  
SEP 11 2014  
WHEEL WASH

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Resolved		

7:09 09 11 14  
 62040 lb GROSS  
 0 lb TARE  
 62040 lb NET

*CD* 11/Sep/2014 09:33:38  
 GROSS lbs. 62040  
 TARE lbs. 41980  
 NET lbs. 20060



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/3/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14009961

Manifest #: 007020551FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40342564	8/18/2014	CM	40342564 /	PCB Solids For Landfill	9/3/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, September 04, 2014

Date

### DESIGNATED FACILITY TO GENERATOR

**Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.**



# LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <b>36</b>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<b>2C</b>		<b>W</b>		<b>9/3</b>
DATE			LOAD NO.			
<b>9/3/14</b>			<b>2014009961</b>			
GENERATOR			HAULER			
<b>DOW</b>			<b>CH</b>			
ORDER NO.			DRUM NO.			
<b>1401533087</b>			<b>40342564</b>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<b>1556</b>		<b>CHRT 26308</b>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <b>(G)</b> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

03/Sep/2014 13:01:13

GROSS lbs. 53180

TARE lbs. 00

NET lbs. 53180

03/Sep/2014 15:09:32

GROSS lbs. 53180

TARE lbs. 48520

NET lbs. 4660

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<b>YES</b> NO INTERIOR <b>EXTERIOR</b>		
WASHOUT SIGNATURE	DATE	
<b>[Signature]</b>	<b>9-3-14</b>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	Not scheduled, No OSD, Not manifested in kg.		2115 kg.
			<b>(OP)</b>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/3/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14009960

Manifest #: 007020552FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40342565	8/18/2014	CM	40342565 /	PCB Solids For Landfill	9/3/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, September 04, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020552 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 19701256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
6. Transporter 1 Company Name <b>CLEAN HARBORS ENVIRONMENTAL SERVICES</b>			U.S. EPA ID Number <b>MADO39322250</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit WL/Vol.
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	15 Y
		2.			
		3.			
		4.			
14. Special Handling Instructions and Additional Information <b>1. CH007325B</b> <b>ERG#171</b> <i>Container # 25461</i>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month Day Year <b>9   2   14</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>CORY BROWN</b>		Signature <i>Cory Brown</i>		Month Day Year <b>9   2   14</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OSD 8/18/14, OK to use Am net weights of 4300 lbs un kg of 1953kg per Sarah</b> <b>LAIR. 9/13/14</b>					
18b. Alternate Facility (or Generator)    Manifest Reference Number: _____    U.S. EPA ID Number: _____					
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)    Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
4.		5.		6.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>Ellene DeZeeuw</i>		Month Day Year <b>9   2   14</b>	



**LOAD SUMMARY RECORD**

11:27 09 03 14  
57500 lb GROSS  
0 lb TARE  
57500 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bk</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C.</i>				
DATE			LOAD NO.			
<i>9/3/14</i>			<i>2014009960</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>40342565</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1556</i>		<i>CHRT25461 (B)</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <i>(G)</i> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT	DATE		

*CD*

03/Sep/2014 13:01:00  
GROSS lbs. 57500  
TARE lbs. 53200  
NET lbs. 4300

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<i>YES</i> NO INTERIOR <i>EXTERIOR</i>		
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>9-3-14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Not scheduled, No OSD, Not manifested in kg.</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/4/2014

Generator EPA ID: COD030446637

Load #: 14010022  
Manifest #: 007020553FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40367462	8/18/2014	CM	40367462 /	PCB Solids For Landfill	9/4/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, September 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020553 FLE</b>			
		5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>		Generator's Site Address (if different than mailing address) <b>SAME</b>						
6. Generator's Phone: <b>(970) 266-9880</b>		6. Transporter 1 Company Name <b>Clean Harbors</b>					U.S. EPA ID Number <b>MAD 079322250</b>			
		7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>		Facility's Phone: <b>(435) 884-8900</b>					U.S. EPA ID Number <b>UTD991301748</b>			
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.		
	x	1. <b>RD UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>			1 CM 15 Y					
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      Container # 26305      FRONT</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offeror's Printed/Typed Name: <b>Bob Cover</b> Signature: <b>ON BEHALF OF Bob Cover</b> Month: <b>9</b> Day: <b>3</b> Year: <b>14</b>										
<b>TRANSPORTER</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name: <b>Michael P. Matzka</b> Signature: <b>[Signature]</b> Month: <b>9</b> Day: <b>3</b> Year: <b>14</b>									
Transporter 2 Printed/Typed Name: _____      Signature: _____      Month: _____ Day: _____ Year: _____										
<b>DESIGNATED FACILITY</b>	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>QSD 8/18/14, OK to use Gm weights of 4140 lbs (1881 kg) per Sarah</b> <b>Laix. ID 9/4/14</b> Manifest Reference Number: _____									
	18b. Alternate Facility (or Generator)      U.S. EPA ID Number									
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator)      Month: _____ Day: _____ Year: _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b>			2.			3.			4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name: <b>Ellene DeZeeuw</b> Signature: <b>[Signature]</b> Month: <b>09</b> Day: <b>04</b> Year: <b>14</b>										



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <b>B6</b>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<b>B3</b>		<b>W</b>	<b>W</b>	<b>9/4</b>
DATE			LOAD NO.			
<b>9/4/14</b>			<b>2014000022</b>			
GENERATOR			HAULER			
<b>DOW</b>			<b>CH</b>			
ORDER NO.			DRUM NO.			
<b>1401533087</b>			<b>40367462</b>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<b>1599</b>		<b>CHRT 26305 (F)</b>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <b>G</b> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT	DATE		

04/Sep/2014 09:01:58  
 GROSS lbs. 52700  
 TARE lbs. 00  
 NET lbs. 52700

04/Sep/2014 11:06:57  
 GROSS lbs. 52700  
 TARE lbs. 48560  
 NET lbs. 4140

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TYPE: <input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR	<b>WHEEL WASH</b>  <b>SEP 04 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	
<b>[Signature]</b>	<b>9-4-14</b>	
<b>[Signature]</b>	<b>9/5/14</b>	

ITEM	COMMENTS	NAME	DATE
	Not manifested in Kg., NO OSD, Not scheduled		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/3/2014

Generator EPA ID: COD030446637

Load #: 14009957  
Manifest #: 007020554FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40341533	8/18/2014	CM	40341533 /	PCB Solids For Landfill	9/3/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, September 04, 2014

Date

F/R

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446837</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020554 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>				U.S. EPA ID Number			
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services</b>				U.S. EPA ID Number <b>MA039322150</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	15	Y	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG#171</b> <span style="margin-left: 50px;"><b>Container # 26368</b></span>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>				Signature <i>[Signature]</i>		Month Day Year <b>09/02/14</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Josias Cabrera</b>		Signature <i>[Signature]</i>		Month Day Year <b>09/02/14</b>		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm net weights of 500 lbs in kg of 249.7 kg per Sarah Slave with URS. ASD 8/18/14</b>						
	18b. Alternate Facility (or Generator)		Manifest Reference Number: U.S. EPA ID Number				
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>[Signature]</i>		Month Day Year <b>09/03/14</b>			



**LOAD SUMMARY RECORD**

**LOAD DISPOSAL DESTINATION**

☐ STABILIZATION   
 ☐ RCRA CELL   
 ☒ TSCA CELL B6   
 ☐ SPOT STABILIZATION

**LOAD TRACKING INFORMATION**

PLANT RECEIVED    DROPPED    FINAL CODE 2C.    REVIEWED    WEIGHTS    GRIDS    MANIFEST MAILED

DATE 9/3/14    LOAD NO. 2014009957

GENERATOR DOW    HAULER CH

ORDER NO. 1401533087    DRUM NO. 40341533

TRUCK NO. 1263    CONTAINER NO. (s)/ RAILCAR NO. CHRT 26368 (F)

CONTAINER TYPE: ED (G) TT FB V OTHER    LOAD COUNT (RAIL ONLY): 1 2 3 4

OPERATOR SIGNATURE    COUNT    DATE

**LOAD WASHOUT INFORMATION**

**WASHOUT STAMP**

WASHOUT: YES NO    TYPE: INTERIOR ~~EXTERIOR~~

WASHOUT SIGNATURE [Signature]    DATE 9-3-14

DRIVER SIGNATURE    DATE

03/Sep/2014    12:45:59  
 GROSS lbs.    54740  
 TARE lbs.    00  
 NET lbs.    54740

03/Sep/2014    13:54:59  
 GROSS lbs.    54740  
 TARE lbs.    49240  
 NET lbs.    5500

ITEM	COMMENTS	NAME	DATE
	Not manifested in kg, No OSD, Not scheduled		2497 kg (50)

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility    CANARY - Generator    PINK - Transporter    GREEN - Receiving    GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/3/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14009956

Manifest #: 007020555FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40341534	8/18/2014	CM	40341534 /	PCB Solids For Landfill	9/3/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Thursday, September 04, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020555 FILE</b>			
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 268-8889</b>								
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services</b>				U.S. EPA ID Number <b>MA039322250</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))  <b>1. RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
				No.	Type			
				<b>1</b>	<b>CM</b>			
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      Container # 25205</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <i>Bob Cover</i>		Month Day Year <b>09/02/14</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Jesus Cabrera</b>				Signature <i>Jesus Cabrera</i>		Month Day Year <b>09/02/14</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm net weights of 6880 lbs. in kg of 3123 kg. per Sarah Lane.</b> <b>DD 8/18/14      9/3/14</b>								
18b. Alternate Facility (of Generator)				Manifest Reference Number: _____				
Facility's Phone: _____				U.S. EPA ID Number				
18c. Signature of Alternate Facility (or Generator) _____      Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Elene DeZorru</b>				Signature <i>Elene DeZorru</i>		Month Day Year <b>09/03/14</b>		



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>26</i>				
DATE			LOAD NO.			
<i>9/3/14</i>			<i>2014009956</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>40341534</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1263</i>		<i>CHRT25205 (B)</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

*CD*

10:22 09 03 14  
61580 lb GROSS  
0 lb TARE  
61580 lb NET

03/Sep/2014 12:46:15  
GROSS lbs. 61580  
TARE lbs. 54700  
NET lbs. 6880

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<input checked="" type="checkbox"/> YES NO	INTERIOR <input checked="" type="checkbox"/> EXTERIOR	
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>9/3/14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Not manifested in, kg, no OSD, Not Scheduled.</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/4/2014

Generator EPA ID: COD030446637

Load #: 14010057  
Manifest #: 007020556FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40372241	8/18/2014	CM	40372241 /	PCB Solids For Landfill	9/4/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, September 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020556 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors</b>			U.S. EPA ID Number <b>MA11094322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No. Type			
	x	1. <b>RO UN3432 POLYCHLORINATED BIPHENYLS SOLID MIXTURE, 9, PG III</b>	1 CM	15	Y	
		2.				
		3.				
		4.				
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG#171</b> <b>CONTAINER # 24402</b> <b>Trailer 7330</b> <b>CHRT</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>BOB COVER</b>			Signature <i>[Signature]</i>		Month Day Year <b>9/3/14</b>	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____			
	17. Transporter Acknowledgment of Receipt of Materials					
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Clean Harbors</b>		Signature <i>[Signature]</i>		Month Day Year <b>9/3/14</b>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OSD 8/18/14, OK to use GM Net weights of 5100 lbs (2316 kg) per Sarah</b> <b>10/9/14</b>					
	18b. Alternate Facility (or Generator)		Manifest Reference Number: _____ U.S. EPA ID Number: _____			
	Facility's Phone: _____					
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year					
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
	1. <b>H132</b>	2.	3.	4.		
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
	Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>[Signature]</i>		Month Day Year <b>9/10/14</b>	



GM



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
STABILIZATION	RCRA CELL	TSCA CELL	SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
DATE			LOAD NO.			
9/4/14			2014010057			
GENERATOR			HAULER			
DOW			CH			
ORDER NO.			DRUM NO.			
1401533087			40372241			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
1479		CHRT 24402				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> G <input type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

10:34 09 04 14  
49300 1b GROSS  
0 1b TARE  
49300 1b NET

CD

04/Sep/2014	12:29:52
GROSS lbs.	49300
TARE lbs.	44200
NET lbs.	5100

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	GRASSY MOUNTAIN FACILITY SEP 04 2014 WHEEL WASH
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> INTERIOR	
<input type="checkbox"/> NO	<input checked="" type="checkbox"/> EXTERIOR	
WASHOUT SIGNATURE	DATE	
	9-4-14	
DRIVER SIGNATURE	DATE	
	9/4/14	

[illegible]

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

**WHITE - Facility**

## CANARY - Generator

### PINK - Transporter

**GREEN - Receiving**

## GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/4/2014

Generator EPA ID: COD030446637

Load #: 14010023  
Manifest #: 007020557FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40367457	8/18/2014	CM	40367457 /	PCB Solids For Landfill	9/4/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, September 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446837</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020557 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>				U.S. EPA ID Number <b>UTD991301748</b>			
6. Transporter 1 Company Name <b>Clean Harbors</b>				U.S. EPA ID Number <b>UTD991301748</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	x	1. <b>RO UN3432 POLYCHLORINATED BIPHENYLS SOLID MIXTURE, 9, PG III</b>	1	CM	15	Y	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1 CH807325B ERG#171 CONTAINER # 26996 BACK</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>				Signature "ON BEHALF OF" <i>Bob Cover</i>		Month Day Year <b>9 3 14</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>MICHAEL P. MATEJKA</b>				Signature <i>Michael P. Matejka</i>		Month Day Year <b>9 3 14</b>
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OSD 8/18/14, OK to use GM Net weights in kg. 3320 lbs (1463 kg) per Sarah Davis. (in 9/4/14)</b>						
	18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number		
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)				Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>				Signature <i>Ellene DeZeeuw</i>		Month Day Year <b>2014 01 06 25</b>	



**LOAD SUMMARY RECORD**

**LOAD DISPOSAL DESTINATION**

☐ STABILIZATION
 ☐ RCRA CELL
 ☒ TSCA CELL *B6*
☐ SPOT STABILIZATION

**LOAD TRACKING INFORMATION**

PLANT RECEIVED ☐ DROPPED ☐ FINAL CODE *8* REVIEWED ☐ WEIGHTS *W* GRIDS *W* MANIFEST MAILED *9/4*

DATE *9/4/14* LOAD NO. *2014010023*

GENERATOR *DOW* HAULER *CH*

ORDER NO. *1401533087* DRUM NO. *40367457*

TRUCK NO. *1599* CONTAINER NO. (s)/ RAILCAR NO. *CHRT 26996*

CONTAINER TYPE: *ED (G) TT FB V OTHER* LOAD COUNT (RAIL ONLY): *1 2 3 4*

OPERATOR SIGNATURE \_\_\_\_\_ COUNT \_\_\_\_\_ DATE \_\_\_\_\_

7:32 09 04 14  
 55920 lb GROSS  
 0 lb TARE  
 55920 lb NET

04/Sep/2014 09:02:19  
 GROSS lbs. 55920  
 TARE lbs. 52700  
 NET lbs. 3220

**LOAD WASHOUT INFORMATION**

**WASHOUT STAMP**

WASHOUT: ☒ YES ☐ NO TYPE: ☐ INTERIOR ☒ EXTERIOR

WASHOUT SIGNATURE *[Signature]* DATE *9.4.14*

DRIVER SIGNATURE *[Signature]* DATE *4 SEP 2014*

**WHEEL**

SEP 04 2014

GRASSY MOUNTAIN FACILITY

ITEM	COMMENTS	NAME	DATE
	Not manifested in Kg, No OSD		
	Not Scheduled		

*1463 kg*  
*(570)*



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/5/2014

Generator EPA ID: COD030446637

Load #: 14010078  
Manifest #: 007020558FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40399918	8/18/2014	CM	40399918 /	PCB Solids For Landfill	9/5/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Monday, September 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020558 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 266-8889</b>							
6. Transporter 1 Company Name <b>CLEAN HARBORS ENVIRON SERVICES</b>			U.S. EPA ID Number <b>IMAD03932250</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	X	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	1500	Y Kg	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171</b>  <b>OSO-8-12-14      CHHP 20213</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Conner</b>			Signature <b>"ON BEHALF OF"</b> <b>Bob Conner</b>			Month Day Year <b>19   4   14</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>STEVE CONNER</b>		Signature <b>[Signature]</b>		Month Day Year <b>19   4   14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weight of 7828 Kg per Michael Wiles 9-5-14</b> Manifest Reference Number: <b>Ka</b>						
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)							Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Gunnells</b>			Signature <b>Keith Gunnells</b>			Month Day Year <b>11   5   14</b>	



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>AB</i>		<i>56</i>	<i>56</i>	<i>4-5</i>
DATE			LOAD NO.			
<i>9-5-14</i>			<i>2014010078</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533007</i>			<i>110399918</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>402441</i>		<i>CHH720213</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

05/Sep/2014 12:11:21  
GROSS lbs. 62660  
TARE lbs. 00  
NET lbs. 62660

*(17)*

05/Sep/2014 12:49:32  
GROSS lbs. 62660  
TARE lbs. 45400  
NET lbs. 17260 ✓

LOAD WASHOUT INFORMATION		WASHOUT STAMP	
WASHOUT:	TYPE:		
<input checked="" type="radio"/> YES <input type="radio"/> NO	INTERIOR <input checked="" type="radio"/> EXTERIOR		
WASHOUT SIGNATURE	DATE		
<i>[Signature]</i>	<i>9-5-14</i>		
DRIVER SIGNATURE	DATE		

ITEM	COMMENTS	NAME	DATE
	BOX NOT TRACKED		
	Weight Discrepancy 7828 KG		
	Email sent - Disposal.		



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/5/2014

Generator EPA ID: COD030446637

Load #: 14010077  
Manifest #: 007020559FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40399875	8/18/2014	CM	40399875 /	PCB Solids For Landfill	9/5/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Monday, September 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020559 FLE</b>		
		5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>		Generator's Site Address (if different than mailing address) <b>SAME</b>					
6. Transporter 1 Company Name <b>CLEAN HARBORS ENVIRO. SERVICES</b>		U.S. EPA ID Number <b>MA003932250</b>							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>		U.S. EPA ID Number <b>UTD991301748</b>							
Facility's Phone: <b>(435) 884-8900</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	X	1. <b>RO UN3432 POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>			1 CM		+5"	X kg	
		2.					8.165		
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG#171</b> <b>OSD: 8-18-14</b> <b>CHHP 21137</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>									
Signature <b>ON BEHALF OF</b> <b>Bob Cover</b>									
Month Day Year <b>9 4 14</b>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>STEVE O'NEWEN</b>								
Signature <b>[Signature]</b>									
Month Day Year <b>9 4 14</b>									
Transporter 2 Printed/Typed Name									
Signature									
Month Day Year									
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weight of 653kg per Michael Wiles</b>								
	Manifest Reference Number: <b>9-5-14-KG</b>								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)									
Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>F. Keith Grannell</b>									
Signature <b>F. Keith Grannell</b>									
Month Day Year <b>9 5 14</b>									

**LOAD SUMMARY RECORD**

**LOAD DISPOSAL DESTINATION**

☐ STABILIZATION
 ☐ RCRA CELL
 ☒ TSCA CELL *BL*
☐ SPOT STABILIZATION

**LOAD TRACKING INFORMATION**

PLANT RECEIVED ☐ DROPPED ☐ FINAL CODE *88* REVIEWED ☐ WEIGHTS *KL KL* GRIDS *9-5* MANIFEST MAILED *09*

DATE *9-5-14* LOAD NO. *2014010077*

GENERATOR *DOW* HAULER *CHES*

ORDER NO. *1401533087-001* DRUM NO. *110399875*

TRUCK NO. *402441* CONTAINER NO. (s)/ RAILCAR NO. *CHHP21137 / ~~CHHP20013~~*

CONTAINER TYPE: *ED* *G* *TT* *FB* *V* *OTHER* LOAD COUNT (RAIL ONLY): *1* *2* *3* *4*

OPERATOR SIGNATURE \_\_\_\_\_ COUNT \_\_\_\_\_ DATE \_\_\_\_\_

10:19 09 05 14  
 64100 lb GROSS  
 0 lb TARE  
 64100 lb NET

05/Sep/2014 12:11:08  
 GROSS lbs. 64100  
 TARE lbs. 62660  
 NET lbs. 1440 ✓

**LOAD WASHOUT INFORMATION**

**WASHOUT STAMP**

WASHOUT: *YES* *NO* TYPE: *INTERIOR* *EXTERIOR*  
 WASHOUT SIGNATURE *[Signature]* DATE *9-5-14*  
 DRIVER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrep</i>	<i>653kg</i>	
	<i>Email Sent - Disputed.</i>		





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/5/2014

Generator EPA ID: COD030446637

Load #: 14010083  
Manifest #: 007020560FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40403089	8/18/2014	CM	40403089 /	PCB Solids For Landfill	9/5/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, September 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020560 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 266-8889</b>							
6. Transporter 1 Company Name <b>CLEAN HARBORS ENVIRONMENTAL SERVICES</b>			U.S. EPA ID Number <b>MA0039322250</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
			No.	Type			
	<b>x</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1</b>	<b>CM</b>	<b>11,340</b>	<b>Kg</b>	
		<b>2.</b>					
		<b>3.</b>					
		<b>4.</b>					
14. Special Handling Instructions and Additional Information <b>1. CH8007325B</b> <b>ERG#171</b>  <b>OSD: 8-18-14</b> <b>CHHP 20275</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Sarah Lave</b>			Signature <i>On behalf of Sarah Lave</i>		Month Day Year <b>9   4   14</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>CORY BROWN</b>		Signature <i>Cory Brown</i>		Month Day Year <b>9   4   14</b>		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	<b>At house 6m weight of 8272 kg per Michael W. 15-11-14 kg</b>						
	18b. Alternate Facility (or Generator)		Manifest Reference Number: _____ U.S. EPA ID Number: _____				
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <b>Sarah Haduick</b>		Signature <i>Sarah Haduick</i>		Month Day Year <b>9   5   14</b>			

**LOAD SUMMARY RECORD**

GIVI

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bl</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>✗</i>		<i>kg</i>	<i>kg</i>	<i>9.5</i>
DATE			LOAD NO.			
<i>9-5-14</i>			<i>2014010083</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>40403089</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1556</i>		<i>CHHP 20275</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> IT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

11:56 09 05 14  
59300 lb GROSS  
0 lb TARE  
59300 lb NET

05/Sep/2014 14:17:22  
GROSS lbs. 59300  
TARE lbs. 41060  
NET lbs. 18240 ✓

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<input checked="" type="radio"/> YES <input type="radio"/> NO	INTERIOR <input type="radio"/> EXTERIOR <input checked="" type="radio"/>	
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>9.5.14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	BOX NOT TRACKED-		
	Weight Discrepancy	8272kg	
	Email Sent - Resolved.		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/10/2014

Generator EPA ID: COD030446637

Load #: 14010221  
Manifest #: 007020561FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40469993	8/18/2014	CM	40469993 /	PCB Solids For Landfill	9/10/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, September 11, 2014

Date



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020561 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 266-8889</b>						
6. Transporter 1 Company Name <b>Neier Inc</b>			U.S. EPA ID Number <b>ZND984868400</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes
		No.	Type			
x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	11,340	Kg	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG#171</b> <b>OSD: 8-18-14</b> <b>CHHP 21149</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Sarah Lave</b>		Signature <i>On Behalf of Sarah Lave</i>		Month <b>9</b>	Day <b>4</b>	Year <b>14</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Jimmy Thorne</b>		Signature <i>Jimmy Thorne</i>		Month <b>9</b>	Day <b>4</b>	Year <b>14</b>
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 16,620 lbs (7540 kg) per Sarah Lave, per 9/10/14</b>						
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>Ellene DeZeeuw</i>		Month <b>09</b>	Day <b>10</b>	Year <b>14</b>

**LOAD SUMMARY RECORD**

GM

**LOAD DISPOSAL DESTINATION**

☐ STABILIZATION
 ☐ RCRA CELL
 ☒ TSCA CELL *36*
☐ SPOT STABILIZATION

8:15 09 10 14  
 58340 lb GROSS  
 0 lb TARE  
 58340 lb NET

**LOAD TRACKING INFORMATION**

PLANT RECEIVED  
 DROPPED  
 FINAL CODE *ZC.*  
 REVIEWED  
 WEIGHTS *(signature)*  
 GRIDS *(signature)*  
 MANIFEST MAILED *9/10*

DATE *9/10/14*  
 LOAD NO. *2014010221*

GENERATOR *DOW*  
 HAULER *Neier*

ORDER NO. *1401533087*  
 DRUM NO. *40469993*

TRUCK NO. *52*  
 CONTAINER NO. (s)/ RAILCAR NO. *CHHP 21149*

CONTAINER TYPE: *ED (G) TT FB V OTHER*  
 LOAD COUNT (RAIL ONLY):  
 1 2 3 4

OPERATOR SIGNATURE  
 COUNT  
 DATE

10/Sep/2014 09:35:21  
 GROSS lbs. 58340  
 TARE lbs. 41720  
 NET lbs. 16620

**LOAD WASHOUT INFORMATION**

**WASHOUT STAMP**

WASHOUT: YES ☒ NO  
 TYPE: INTERIOR ☐ EXTERIOR ☒  
 WASHOUT SIGNATURE *(signature)*  
 DATE *9.10.14*  
 DRIVER SIGNATURE  
 DATE

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - email sent -		7540 kg
	Resolved		



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/8/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14010116

Manifest #: 007020562FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40427787	8/18/2014	CM	40427787 /	PCB Solids For Landfill	9/8/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Tuesday, September 09, 2014

Date

402417-

A71401533087-001

SC PPW 8/10/2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020562 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-0889</b>						Generator's Site Address (if different than mailing address) <b>SAME</b>				
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services</b>						U.S. EPA ID Number <b>MA039322250</b>				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>						U.S. EPA ID Number <b>UTD991301748</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
						No.	Type			
	<b>X</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>				<b>1</b>	<b>CM</b>	<b>11,340 (est.)</b>	<b>Kg</b>	
		<b>2.</b>								
		<b>3.</b>								
	<b>4.</b>									
14. Special Handling Instructions and Additional Information <b>1. CH007925B ERG#171</b> <b>Box # 251454</b> <b>OSD: 8-18-14</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name <b>Sarah Love</b>						Signature <i>[Signature]</i>		Month <b>9</b>	Day <b>5</b>	Year <b>2014</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <b>Bill Reynolds</b>				Signature <i>[Signature]</i>		Month <b>9</b>	Day <b>5</b>	Year <b>14</b>	
	Transporter 2 Printed/Typed Name				Signature		Month	Day	Year	
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 17,040 lbs (7728 kg) per Sarah Love</b> <b>9/10/14</b>									
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number			
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
	1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
	Printed/Typed Name <b>Keith Ginnell</b>				Signature <i>[Signature]</i>		Month <b>9</b>	Day <b>8</b>	Year <b>14</b>	



**LOAD SUMMARY RECORD**

 9:37 09 08 14  
 56900 lb GROSS  
 0 lb TARE  
 56900 lb NET

**LOAD DISPOSAL DESTINATION**

<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bk</i>	<input type="checkbox"/> SPOT STABILIZATION
--	------------------------------------	---	---

**LOAD TRACKING INFORMATION**

PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C.</i>		<i>K6</i>	<i>K6</i>	<i>K6</i>

DATE	LOAD NO.
<i>9-8-14</i>	<i>2014010116</i>

GENERATOR	HAULER
<i>DOW</i>	<i>CH</i>

ORDER NO.	DRUM NO.
<i>1401533087</i>	<i>40427787</i>

TRUCK NO.	CONTAINER NO. (s)/ RAILCAR NO.
<i>1-02414</i>	<i>251454</i>

CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):
ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER	1 2 3 4

OPERATOR SIGNATURE	COUNT	DATE

08/Sep/2014	11:35:29
GROSS lbs.	56900
TARE lbs.	39860
NET lbs.	17040 ✓

**LOAD WASHOUT INFORMATION**
**WASHOUT STAMP**

WASHOUT:	TYPE:
<input checked="" type="radio"/> YES <input type="radio"/> NO	INTERIOR <input type="radio"/> EXTERIOR <input checked="" type="radio"/>
WASHOUT SIGNATURE	DATE
<i>[Signature]</i>	<i>9-8-14</i>
DRIVER SIGNATURE	DATE

ITEM	COMMENTS	NAME	DATE
	Box Not Tracked	1728kg	
	Weight Discrepancy - Email Sent		
	Resolved		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/8/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14010114

Manifest #: 007020563FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40426581	8/18/2014	CM	40426581 /	PCB Solids For Landfill	9/8/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, September 09, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020563 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services</b>			U.S. EPA ID Number <b>MA037722250</b>			
7. Transporter 2 Company Name <b>Clean Harbors</b>			U.S. EPA ID Number <b>MA039322250</b>			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1</b>	<b>CM</b>	<b>11,340 (est)</b>	<b>kg</b>	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG1.1</b>  <b>OSD: 8-18-14</b> <b>CONTAINER # 20296</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Sarah Lave</b>		Signature <i>On behalf of...</i> <i>Sarah Lave</i>			Month Day Year <b>9 5 14</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Michael P. Matzka</b>		Signature <i>Michael P. Matzka</i>			Month Day Year <b>9 5 14</b>	
Transporter 2 Printed/Typed Name <b>Chris Sullivan</b>		Signature <i>Chris Sullivan</i>			Month Day Year <b>9 7 14</b>	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 16,460 lbs (7465 kg) per Sarah Lave, 9/10/14</b>						
18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number _____		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2. _____		3. _____		4. _____
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>Ellene DeZeeuw</i>			Month Day Year <b>10 08 14</b>	

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C.</i>		<i>KG</i>	<i>KG</i>	<i>9-8</i>
DATE			LOAD NO.			
<i>9/8/14</i>			<i>2014010114</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>40426581</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1310</i>		<i>CHHP 20296</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <i>G</i> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

8:24 09 08 14  
57080 lb GROSS  
0 lb TARE  
57080 lb NET

08/Sep/2014 09:50:54  
GROSS lbs. 57080  
TARE lbs. 40620  
NET lbs. 16460 ✓

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	<p>GRASSY MOUNTAIN FACILITY</p> <p>SEP 9 5 2014</p> <p>WASH</p>
<i>YES</i> NO	INTERIOR <i>EXTERIOR</i>	
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy</i>	<i>7465 Kg</i>	
	<i>Email Sent</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/11/2014

Generator EPA ID: COD030446637

Load #: 14010284  
Manifest #: 007020564FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40494018	8/18/2014	CM	40494018 /	PCB Solids For Landfill	9/11/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Friday, September 12, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020564 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company</b> <b>3855 Moline Street</b> <b>Aurora, CO 80010</b> Generator's Phone: <b>(970) 256-8889</b>					Generator's Site Address (if different than mailing address) <b>SAME</b>				
6. Transporter 1 Company Name <b>Clean Harbors Env. Serv.</b>					U.S. EPA ID Number <b>MA1039322250</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC</b> <b>3 Miles East 7 Miles North of Knolls</b> <b>Grantville, UT 84029</b> Facility's Phone: <b>(435) 884-8900</b>					U.S. EPA ID Number <b>UTD991301748</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			1 <b>CM</b>		<b>1,340</b>	<b>KG</b>	
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>1. CH807925B</b> <b>ERG#171</b> <b>Box # 26996</b> <b>OSD 8-18-2014</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>					Signature <b>Bob Cover</b>		Month Day Year <b>9/10/14</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>Garrett Mckinick</b>				Signature _____		Month Day Year <b>09/10/14</b>		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name				Signature		Month Day Year		
	18. Discrepancy <b>Weight discrepancy</b>								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use 5m weights of 19,660 lbs (8919 kg) per Sarah Laye</b> <b>9/11/14</b>								
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Keith Grinnells</b>				Signature <b>Keith Grinnells</b>		Month Day Year <b>9/11/14</b>			

**LOAD SUMMARY RECORD**

GM

**LOAD DISPOSAL DESTINATION**

☐ STABILIZATION   
 ☐ RCRA CELL   
 ☒ TSCA CELL *B6*   
 ☐ SPOT STABILIZATION

8:56 09 11 14  
 62960 lb GROSS  
 0 lb TARE  
 62960 lb NET

**LOAD TRACKING INFORMATION**

PLANT RECEIVED    DROPPED    FINAL CODE *AB*    REVIEWED    WEIGHTS *CD*    GRIDS *CD*    MANIFEST MAILED *9/11*

DATE *9/11/14*    LOAD NO. *2014010284*

GENERATOR *DOW*    HAULER *CH*

ORDER NO. *1401533087*    DRUM NO. *40494018*

TRUCK NO. *1627*    CONTAINER NO. (s)/ RAILCAR NO. *CHRT 26996*

CONTAINER TYPE: ED ☒ TT FB V OTHER    LOAD COUNT (RAIL ONLY): 1 2 3 4

OPERATOR SIGNATURE    COUNT    DATE

11/Sep/2014    10:24:36  
 GROSS lbs.    62960  
 TARE lbs.    43300  
 NET lbs.    19660

**LOAD WASHOUT INFORMATION**

**WASHOUT STAMP**

WASHOUT: YES ☒ NO    TYPE: INTERIOR ☐ EXTERIOR ☒

WASHOUT SIGNATURE *[Signature]*    DATE *9-11-14*

DRIVER SIGNATURE    DATE    GRASSY MOUNTAIN FACILITY

**WHEEL WASH**

SEP 11 2014

GRASSY MOUNTAIN FACILITY

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Resolved		8/19/14

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/11/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14010282

Manifest #: 007020565FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40494022	8/18/2014	CM	40494022 /	PCB Solids For Landfill	9/11/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Friday, September 12, 2014

Date



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020565 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 266-8889</b>							
6. Transporter 1 Company Name <b>Clean Harbors Env. Svc</b>				U.S. EPA ID Number <b>MA0039322250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD981301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	(Est) 11,340	KG		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. CH607325B      ERG#171      Box # CHHP 21151      OSD 8-18-2014</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <i>Bob Cover</i>		Month Day Year <b>9 10 2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>CORP BROWN</b>				Signature <i>Corp Brown</i>		Month Day Year <b>9 10 14</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Grinnells</b>				Signature <i>Keith Grinnells</i>		Month Day Year <b>9 10 14</b>	

**LOAD SUMMARY RECORD**

**LOAD DISPOSAL DESTINATION**

<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION
--	------------------------------------	---	---

**LOAD TRACKING INFORMATION**

PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>AB</i>		<i>KG</i>	<i>KG</i>	<i>9-11</i>

DATE <i>9-11-14</i>	LOAD NO. <i>2014010282</i>
------------------------	-------------------------------

GENERATOR <i>Dow</i>	HAULER <i>CH</i>
-------------------------	---------------------

ORDER NO. <i>1401533087</i>	DRUM NO. <i>40494022</i>
--------------------------------	-----------------------------

TRUCK NO. <i>1556</i>	CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP 21131</i>
--------------------------	---

CONTAINER TYPE: ED <input checked="" type="radio"/> TT FB V OTHER	LOAD COUNT (RAIL ONLY): 1 2 3 4
--	------------------------------------

OPERATOR SIGNATURE	COUNT	DATE
--------------------	-------	------

8:50 09 11 14  
65960 lb GROSS  
0 lb TARE  
65960 lb NET

11/Sep/2014 10:49:05  
GROSS lbs. 65960  
TARE lbs. 40800  
NET lbs. 25160 ✓

12:11 09 11 14  
40460 lb GROSS  
0 lb TARE  
40460 lb NET

**LOAD WASHOUT INFORMATION**

**WASHOUT STAMP**

WASHOUT:	TYPE:
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>9.11.14</i>
DRIVER SIGNATURE <i>[Signature]</i>	DATE

11/Sep/2014 13:48:37  
GROSS lbs. 40660  
TARE lbs. 40460  
NET lbs. 200

ITEM	COMMENTS	NAME	DATE
	<i>Box NOT Tracked</i>		
	<i>OK</i>		
	<i>Clue sent box back to GM to remove waste left in box.</i>		

*106620 GR*  
*81260 RR*  
*25360 Net*



Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

**CERTIFICATE OF DISPOSAL**

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/29/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14010923  
Manifest #: 007020566FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40818189	8/18/2014	CM	40818189 /	PCB Solids For Landfill	9/29/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, September 30, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020566 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>19701 256-8889</b>			U.S. EPA ID Number <b>MAD 0393 22250</b>				
6. Transporter 1 Company Name <b>Clean Harbors ENV SUCS</b>			U.S. EPA ID Number				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD891301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	x	1. <b>RD UN3432 POLYCHLORINATED BIPHENYLS SOLID MIXTURE, 9, PG III</b>	1	CM	EST 11,340	KG	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1 CH007325B ERG#171</b> <b>Box # 20923</b>  <b>OSD 8-18-2014</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <i>Bob Cover</i>		Month Day Year <b>9 26 2014</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Michael P. Matejka</b>		Signature <i>[Signature]</i>		Month Day Year <b>9 26 2014</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 15,800 lbs (7169 Kg) per Bob Cover of 1125. 9/29/14</b>						
	18b. Alternate Facility (or Generator)		Manifest Reference Number: U.S. EPA ID Number				
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)		Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Bunnells</b>			Signature <i>Keith Bunnells</i>		Month Day Year <b>9 29 14</b>		



## LOAD SUMMARY RECORD

GM

9:34 09 29 14  
55900 lb GROSS  
0 lb TARE  
55900 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>BL</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>DN</i>		<i>er</i>	<i>er</i>	<i>9/29</i>
DATE			LOAD NO.			
<i>9/29/14</i>			<i>204010923</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>40818189</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>CHHP 20923</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD*  
29/Sep/2014 11:13:05  
GROSS lbs. 55900  
TARE lbs. 40100  
NET lbs. 15800

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<b>WHEEL WASH</b>  <b>SEP 29 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>	
<i>YES</i> NO	INTERIOR EXTERIOR			
WASHOUT SIGNATURE	DATE			
<i>[Signature]</i>	<i>9.29.14</i>			
DRIVER SIGNATURE	DATE			
<i>[Signature]</i>	<i>29 Sep 2014</i>			

ITEM	COMMENTS	NAME	DATE
	<i>Box Not Tracked</i>		
	<i>Weight discrepancy - email sent</i>		
	<i>Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations

*S*



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/21/2014

Generator EPA ID: COD030446637

Load #: 14011893  
Manifest #: 007020567FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41222356	8/18/2014	CM	41222356 /	PCB Solids For Landfill	10/21/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, October 22, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020567 FLE</b>		
		5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>		Generator's Site Address (if different than mailing address) <b>SAME</b>					
6. Transporter 1 Company Name <b>Clean Harbors ENVI SUCS</b>		U.S. EPA ID Number <b>MAD 0393 22250</b>							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>		U.S. EPA ID Number <b>UTD991301748</b>							
Facility's Phone: <b>(435) 884-8900</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			1 <b>CM</b>		<b>EST 11,340 KG</b>		
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG#171</b> <b>Box # 20023</b> <b>OSD 8-18-2014</b> <b>TRK # 1599</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name: <b>Bob Cover</b> Signature: <b>Bob Cover</b> "on behalf of" Month: <b>10</b> Day: <b>20</b> Year: <b>2014</b>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Michael P. Matejka</b> Signature: <b>Michael P. Matejka</b> Month: <b>10</b> Day: <b>20</b> Year: <b>2014</b>								
	Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____								
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use 500 weights of 15000 lbs (7096 kg) per Sarah Lave</b> Manifest Reference Number: _____ U.S. EPA ID Number: _____								
	18b. Alternate Facility (or Generator) _____ Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____								
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>Ellene DeZeeuw</b> Signature: <b>Ellene DeZeeuw</b> Month: <b>10</b> Day: <b>21</b> Year: <b>2014</b>									



## LOAD SUMMARY RECORD

GM

7:21 10 21 14  
55580 lb GROSS  
0 lb TARE  
55580 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>78</i>		<i>20</i>	<i>20</i>	<i>10/21</i>
DATE <i>10-21-14</i>			LOAD NO. <i>2014011893</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533087</i>			DRUM NO. <i>41222356</i>			
TRUCK NO. <i>1599</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP20023</i>				
CONTAINER TYPE: ED <input checked="" type="checkbox"/> TT FB V OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

*CD*

21/Oct/2014 09:14:48  
GROSS lbs. 55580  
TARE lbs. 39940  
NET lbs. 15640

LOAD WASHOUT INFORMATION			WASHOUT STAMP		
WASHOUT:	TYPE:		<b>WHEEL WASH</b>  <b>OCT 21 2014</b>  GRASSY MOUNTAIN FACILITY		
<input checked="" type="checkbox"/> YES NO	INTERIOR EXTERIOR				
WASHOUT SIGNATURE	DATE				
DRIVER SIGNATURE	DATE				
		<i>10-21-14</i>			
		<i>21 Oct 2014</i>			

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy - Resolved</i>		<i>10/21/14</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/1/2014

Generator EPA ID: COD030446637

Load #: 14011005  
Manifest #: 007020574FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40874198	8/18/2014	CM	40874198 /	PCB Solids For Landfill	10/1/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 02, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020574 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>				U.S. EPA ID Number <b>MA103932250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>				U.S. EPA ID Number <b>UTD981301748</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
		No.	Type				
x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	Est 11,354	KG		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1 CH007325B      ERG#171      BOX #CHHP 20034      TRK #1599</b> <b>OSD 8-18-2014</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <i>[Signature]</i>		Month Day Year <b>9 30 2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Michael P. Matzner</b>				Signature <i>[Signature]</i>		Month Day Year <b>9 30 14</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use 5m weights of 15,760 lbs (7150 kg) per Sarah Lave.</b> <b>10/11/14</b>							
18b. Alternate Facility (for Generator)				Manifest Reference Number: _____ U.S. EPA ID Number			
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>				Signature <i>[Signature]</i>		Month Day Year <b>10 01 14</b>	

## LOAD SUMMARY RECORD

GM

7:40 10 01 14  
55620 lb GROSS  
0 lb TARE  
55620 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>28</i>		<i>W</i>	<i>W</i>	<i>10/1</i>
DATE <i>10/1/14</i>			LOAD NO. <i>2014011005</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533087</i>			DRUM NO. <i>40874198</i>			
TRUCK NO. <i>1599</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP 20034</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> TT FB V OTHER				LOAD COUNT (RAIL ONLY): 1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

*CD*

01/Oct/2014 09:24:04  
GROSS lbs. 55620  
TARE lbs. 39860  
NET lbs. 15760

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR	<input checked="" type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>10-1-14</i>		<b>WHEEL</b>  <b>OCT 1 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>	
DRIVER SIGNATURE <i>[Signature]</i>	DATE <i>1 Oct 2014</i>			

ITEM	COMMENTS	NAME	DATE
	Box not tracked		
	Weight discrepancy - Resolved		7150 kg

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 9/29/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14010929  
Manifest #: 007020569FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40821410	8/18/2014	CM	40821410 /	PCB Solids For Landfill	9/29/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Tuesday, September 30, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020569 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>							
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>				U.S. EPA ID Number <b>111AD039322250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	x	1. <b>RO UN3432 POLYCHLORINATED BIPHENYLS SOLID MIXTURE, 9, PG III</b>	1	CM	EST 11,340	KG	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      Box # 20239</b>  <b>OSD 8-18-2014</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <b>Bob Cover</b>		Month Day Year <b>9 26 2014</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Garrett Mck...</b>		Signature <b>[Signature]</b>		Month Day Year <b>9 26 2014</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <b>871KG</b> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	<b>OK to use GM weight of 1920 lbs per Sarah have KG 9-26</b>						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>				Signature <b>[Signature]</b>		Month Day Year <b>9 26 2014</b>	

**LOAD SUMMARY RECORD**

12:07 09 29 14  
42760 lb GROSS  
0 lb TARE  
42760 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Be</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>DN</i>		<i>HG1</i>		
DATE			LOAD NO.			
<i>9/29/14</i>			<i>2014010929</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>40821410</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1627</i>		<i>CHRT 20239</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

*CD*

*29/SEP/2014 13:53:37*  
GROSS lbs. 42760  
TARE lbs. 40840  
NET lbs. 1920

*871 kg*

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<del>YES</del> NO	INTERIOR EXTERIOR	
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>9-29-14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

*S*

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 9/29/2014

Generator EPA ID: COD030446637

Load #: 14010939

Manifest #: 007020570FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40835338	8/18/2014	CM	40835338 /	PCB Solids For Landfill	9/29/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, September 30, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020570 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>			U.S. EPA ID Number <b>MA039322250</b>		
7. Transporter 2 Company Name <b>Clean Harbors</b>			U.S. EPA ID Number <b>MA039322250</b>		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>		<b>1</b>	<b>CM</b>	<b>EST 11,340 KG</b>
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      Box # 20062      OSD 8-18-14</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <b>Bob Cover</b>		Month Day Year <b>9 26 2014</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Ron Nelson</b>			Signature <b>Ron Nelson</b>		Month Day Year <b>9 26 2014</b>
Transporter 2 Printed/Typed Name <b>Steve E. Smith</b>			Signature <b>Steve E. Smith</b>		Month Day Year <b>9 29 14</b>
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weight of 7828 kg      SARA      9-29-14 KG</b>					
18b. Alternate Facility (or Generator) Facility's Phone: _____ U.S. EPA ID Number: _____					
18c. Signature of Alternate Facility (or Generator) Month Day Year _____ _____ _____					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2. _____		3. _____	
4. _____		5. _____		6. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Keith Gunnells</b>			Signature <b>Keith Gunnells</b>		Month Day Year <b>9 29 14</b>



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>000030448837</b>	2. Page 1 of 1	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020570 FLE</b>
5. Generator's Name and Mailing Address <b>Low Chemical Company 3855 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
6. Transporter 1 Company Name <b>Clean Harbors</b>			U.S. EPA ID Number <b>MAA039327250</b>		
7. Transporter 2 Company Name <b>Clean Harbors</b>			U.S. EPA ID Number <b>MAA039327250</b>		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	
	x	1. <b>RD UN3432 POLYCHLORINATED BIPHENYLS SOLID MIXTURE, 9, PG III</b>	1	CM	EST 11,340 KG
		2.			
		3.			
14. Special Handling Instructions and Additional Information <b>ERG#171 20062</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <b>[Signature]</b>		Month Day Year <b>19 12 2014</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>Ron Nelson</b>		Signature <b>[Signature]</b>		Month Day Year <b>9 26 2014</b>
	Transporter 2 Printed/Typed Name <b>Steve E. Smith</b>		Signature <b>[Signature]</b>		Month Day Year <b>9 29 14</b>
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <b>172601bs</b> <input type="checkbox"/> Residue <b>SARAH</b> <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	18b. Alternate Facility (or Generator) <b>DETO USE GRI W eight 87888 kg</b> Manifest Reference Number <b>92914 KG</b> U.S. EPA ID Number _____				
	Facility's Phone: _____				
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a					
Printed/Typed Name <b>Keith Grunwald</b>			Signature <b>[Signature]</b>		Month Day Year <b>19 12 14</b>

**LOAD SUMMARY RECORD**

GM

15:38 09 29 14  
59840 lb GROSS  
0 lb TARE  
59840 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Be</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		DN		Kb		9-29-14 <i>CD</i>
DATE 9-29-14			LOAD NO. 2014010939			
GENERATOR DOW			HAULER CH			
ORDER NO. 1401533087			DRUM NO. 40835338			
TRUCK NO. 1544		CONTAINER NO. (s)/ RAILCAR NO. CHHP20062				
CONTAINER TYPE: ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

16:48 09 29 14  
59840 lb GROSS  
42580 lb TARE  
17260 lb NET

7828kg ✓

LOAD WASHOUT INFORMATION				WASHOUT STAMP	
WASHOUT:		TYPE:			
YES	NO	INTERIOR	EXTERIOR		
WASHOUT SIGNATURE		DATE			
DRIVER SIGNATURE		DATE			

ITEM	COMMENTS	NAME	DATE
	Box Not Tracked		
	Weight Discrepancy Resolved		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/24/2014

Generator EPA ID: COD030446637

Load #: 14012095  
Manifest #: 007020572FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41330892	8/18/2014	CM	41330892 /	PCB Solids For Landfill	10/24/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 27, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>000030446637</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020572 FLE</b>					
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 286-9889</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>									
6. Transporter 1 Company Name <b>Clean Harbors Env Serv Action Resources</b>				U.S. EPA ID Number <b>ALRO000007273</b>									
7. Transporter 2 Company Name				U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>				U.S. EPA ID Number <b>UTD991301748</b>									
9a. HM				9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity		12. Unit WL/Vol.		13. Waste Codes	
						No. Type							
x		1. RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III		1		CM		Est 11,340		KG			
		2.											
		3.											
		4.											
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG171</b> <b>BOX # RT 25461</b> <b>DSD 8-18-2014 BETA 1157</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name <b>Bob Carter</b>						Signature <b>ON BEHALF OF Bob Carter</b>				Month Day Year <b>10/23/2014</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>Clean Harbors</b>						Signature <b>[Signature]</b>				Month Day Year <b>10/23/2014</b>			
Transporter 2 Printed/Typed Name						Signature				Month Day Year			
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weight of 9152 kg per Sarah Love 10-24-14</b>													
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number													
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H132</b>				2.				3.				4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Amel Hadid</b>						Signature <b>Amel Hadid</b>				Month Day Year <b>10/24/14</b>			

DESIGNATED FACILITY TO GENERATOR

**Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.**



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C</i>		<i>K6</i>		
DATE			LOAD NO.			
<i>10/24/14</i>			<i>2014012095</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41330892</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1157</i>		<i>CHRT25461</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

9:15 10 24 14  
63800 lb GROSS  
0 lb TARE  
63800 lb NET

*D*  
24/Oct/2014

10:24:18

GROSS lbs.

63800

TARE lbs.

43620

NET lbs.

20180

*9152kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="radio"/> YES NO	INTERIOR EXTERIOR <input checked="" type="radio"/>			
WASHOUT SIGNATURE		DATE		
<i>John K. Mee</i>		<i>10-24-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy</i>		
	<i>Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 10/1/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011031  
Manifest #: 007020573FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40876173	8/18/2014	CM	40876173 /	PCB Solids For Landfill	10/1/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Thursday, October 02, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007020573 FLE</b>		
		5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>		Generator's Site Address (if different than mailing address) <b>SAME</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env Sols</b>		U.S. EPA ID Number <b>WAD 0393 22250</b>								
7. Transporter 2 Company Name		U.S. EPA ID Number								
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>		U.S. EPA ID Number <b>UTD991301748</b>								
Facility's Phone: <b>(435) 884-8900</b>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	x	1. <b>RO: UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>				1 CM		11,340 KG		
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG#171</b> <b>Box # 26368</b> <b>TRK 1627</b> <b>OSD 8-18-2014</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>					Signature <i>Bob Cover</i>			Month Day Year <b>9 30 14</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <b>Gary McKissick</b>					Signature <i>Gary McKissick</i>			Month Day Year <b>9 30 14</b>	
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number: _____ U.S. EPA ID Number _____									
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____									
Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b>			2. _____			3. _____			4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Ellene DeZure</b>					Signature <i>Ellene DeZure</i>			Month Day Year <b>10 10 14</b>		



**LOAD SUMMARY RECORD**

GM

9:53 10 01 14  
67140 lb GROSS  
0 lb TARE  
67140 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>88</i>		<i>W</i>		
DATE <i>10/1/14</i>			LOAD NO. <i>2014011031</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533087</i>			DRUM NO. <i>40876173</i>			
TRUCK NO. <i>1627</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHRT 26368</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE				COUNT	DATE	

*CD*

01/Oct/2014 11:12:52  
GROSS lbs. 67140  
TARE lbs. 43600  
NET lbs. 23540

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR	EXTERIOR		
WASHOUT SIGNATURE <i>[Signature]</i>		DATE <i>10.1.14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/1/2014

Generator EPA ID: COD030446637

Load #: 14011004  
Manifest #: 007020568FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40874027	8/18/2014	CM	40874027 /	PCB Solids For Landfill	10/1/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 02, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>CD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483 3718</b>	4. Manifest Tracking Number <b>007020568 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors ENV. Svcs</b>			U.S. EPA ID Number <b>MA1039322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.
			No.	Type		
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	EST 11,340	KG
		2.				
		3.				
		4.				
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      Box #25203      8-18-2014      TRUCK #1480</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>			Signature <i>[Signature]</i>		Month Day Year <b>19 130 2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>GERALD FLY</b>			Signature <i>[Signature]</i>		Month Day Year <b>9 30 14</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use 5m weights of 20040 lbs (9091kg) per Sarah Love.</b>						
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ellene DeZeeuw</b>			Signature <i>[Signature]</i>		Month Day Year <b>11/11/14</b>	

**LOAD SUMMARY RECORD**

7:32 10 01 14  
60400 1b GROSS  
0 1b TARE  
60400 1b NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>BC</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>BC</i>		<i>BC</i>	<i>BC</i>	<i>10/1</i>
DATE <i>10/1/14</i>			LOAD NO. <i>2014011004</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533087</i>			DRUM NO. <i>40874027</i>			
TRUCK NO. <i>1480</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHRT 25203</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> IT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

*CD*

01/0ct/2014 09:21:01  
GROSS lbs. 60400  
TARE lbs. 40360  
NET lbs. 20040

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE <i>[Signature]</i>		DATE <i>10-1-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy - Resolved</i>		<i>9091 kg</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/24/2014

Generator EPA ID: COD030446637

Load #: 14012184

Manifest #: 007020541FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41357121	8/18/2014	CM	41357121 /	PCB Solids For Landfill	10/27/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 28, 2014

Date



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446937</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007753487 FLE</b>		
		5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b> Generator's Phone: <b>(570) 262-0000</b>		Generator's Site Address (if different than mailing address) <b>SAME</b>					
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>		U.S. EPA ID Number <b>UAD 039322250</b>							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b> Facility's Phone: <b>(435) 884-8900</b>		U.S. EPA ID Number <b>UT0004004740</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	<b>X</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			<b>1</b>	<b>CM</b>	<b>EST 11,340</b>	<b>KG</b>	
14. Special Handling Instructions and Additional Information <b>1. CH007325B ERG#171</b> <b>Box #R26996</b> <b>OSD 8-18-2014 TRK# 1597</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>					Signature <i>Bob Cover</i>		Month Day Year <b>10 24 2014</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Glenn R Alligood</b> Signature <i>Glenn R Alligood</i> Month Day Year <b>10 24 2014</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____								
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ 18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____								
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. _____ 3. _____ 4. _____								
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>F. Keith Gunnells</b> Signature <i>F. Keith Gunnells</i> Month Day Year <b>10 27 14</b>								

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>26</i>		<i>30</i>		
DATE			LOAD NO.			
<i>10-27-14</i>			<i>2014012183</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41357120</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1597</i>		<i>CHRT 26996</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD*

7:27 10 27 14  
65100 lb GROSS  
0 lb TARE  
65100 lb NET

27/Oct/2014 09:33:06  
GROSS lbs. 65100  
TARE lbs. 42500  
NET lbs. 22600

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<p><b>WASH</b></p> <p><b>OCT 24 2014</b></p> <p>GRASSY MOUNTAIN FACILITY</p>	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR EXTERIOR			
WASHOUT SIGNATURE		DATE		
DRIVER SIGNATURE		DATE		
<i>[Signature]</i>		<i>10-27-14</i>		
<i>[Signature]</i>				

ITEM	COMMENTS	NAME	DATE

*OP*  
*9.60.70*

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 11/14/2014

Generator EPA ID: COD030446637

Load #: 14012912  
Manifest #: 007753194FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41735794	8/18/2014	CM	41735794 /	PCB Solids For Landfill	11/17/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, November 18, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753194 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors ENV SCS</b>			U.S. EPA ID Number <b>MAD0393 222SD</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No. Type			
	x	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1 CMU	est 5,000	KG	
		<b>2.</b>				
		<b>3.</b>				
		<b>4.</b>				
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG#171</b> <span style="float: right;"><b>BOX 30508 CHRT</b> <b>TRK # 1597</b></span>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cayer</b>			Signature <b>Bob Cayer</b>		Month Day Year <b>11 13 14</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <b>Glenn Allen</b>			Signature <b>Glenn Allen</b>		Month Day Year <b>11 13 14</b>
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	<b>OK to use Gm Weight of 381 kg Per Sarah Lane 11-14-14 kg</b>					
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number		
	Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Keith Grinnells</b>			Signature <b>Keith Grinnells</b>		Month Day Year <b>11 14 14</b>	



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION			
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>06</i>	<input type="checkbox"/> SPOT STABILIZATION

LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>8</i>		<i>KG</i>		<i>11-14</i>

DATE <i>11-14-14</i>	LOAD NO. <i>2014012912</i>
-------------------------	-------------------------------

GENERATOR <i>DOW</i>	HAULER <i>CH</i>
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ORDER NO. <i>1401533087</i>	DRUM NO. <i>41735794</i>
--------------------------------	-----------------------------

TRUCK NO. <i>1597</i>	CONTAINER NO. (s)/ RAILCAR NO. <i>CHR 30508</i>
--------------------------	--

CONTAINER TYPE: ED <input checked="" type="checkbox"/> TT FB V OTHER	LOAD COUNT (RAIL ONLY): 1 2 3 4
---	------------------------------------

OPERATOR SIGNATURE	COUNT	DATE
--------------------	-------	------

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT: YES <input checked="" type="checkbox"/> NO	TYPE: INTERIOR EXTERIOR <input checked="" type="checkbox"/>	<b>WHEEL WASH</b>  NOV 11 2014  GRASSY MOUNTAIN FACILITY
WASHOUT SIGNATURE <i>7A</i>	DATE <i>11-14-14</i>	
DRIVER SIGNATURE	DATE	

12:07 11 14 14  
44820 lb GROSS  
0 lb TARE  
44820 lb NET

14/Nov/2014 14:17:44  
GROSS lbs. 44820  
TARE lbs. 43980  
NET lbs. 840  
*381kg*

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 11/11/2014

Generator EPA ID: COD030446637

Load #: 14012718  
Manifest #: 007753195FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41660757	8/16/2014	CM	41660757 /	PCB Solids For Landfill	11/11/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, November 12, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007753195 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>					Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 256-8889</b>									
6. Transporter 1 Company Name <b>Clean Harbors ENV SUCS.</b>					U.S. EPA ID Number <b>MAD039322250</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knots Grantsville, UT 84029</b>					U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>			1 <b>CM</b>		<b>EST 11,340</b>	<b>KG</b>	
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG#171</b> <b>Box 25461</b> <b>OSD 8-18-2014</b> <b>TRK # 1597</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>					Signature <b>Bob Cover</b>		Month Day Year <b>11 10 2014</b>		
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>Glenn R Alligood</b>					Signature <b>Glenn R Alligood</b>		Month Day Year <b>11 10 14</b>	
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input checked="" type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 5160 lbs (2343 kg) per Sarah Love.</b>								
	18b. Alternate Facility (or Generator)					Manifest Reference Number:			U.S. EPA ID Number
	Facility's Phone:								
	18c. Signature of Alternate Facility (or Generator)					Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Keith Grunnells</b>					Signature <b>Keith Grunnells</b>		Month Day Year <b>11 11 14</b>		



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>26</i>		<i>ur</i>	<i>er</i>	
DATE <i>11/11/14</i>			LOAD NO. <i>2014012718</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533087</i>			DRUM NO. <i>411110757</i>			
TRUCK NO. <i>1597</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHRT 25461</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER				LOAD COUNT (RAIL ONLY): 1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

9:43 11 11 14  
47400 lb GROSS  
0 lb TARE  
47400 lb NET

CD

11/Nov/2014 11:26:48  
GROSS lbs. 47400  
TARE lbs. 42240  
NET lbs. 5160

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TYPE: INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>		 WHEEL WASH NOV 18 14 GRASS	
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>11-11-14</i>			
DRIVER SIGNATURE	DATE			

ITEM	COMMENTS	NAME	DATE
	Box Not Tracked		
	Weight discrepancy - Resolved		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/29/2014

Generator EPA ID: COD030446637

Load #: 14012264

Manifest #: 007753196FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41402230	8/18/2014	CM	41402230 /	PCB Solids For Landfill	10/29/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 30, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>000030446837</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753196 FLE</b>	
5. Generator's Name and Mailing Address <b>Don Chemical Company 3555 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services, Inc.</b>			U.S. EPA ID Number <b>MA0039322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
<b>x</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1</b>	<b>CM</b>	<b>est 11,340 KG</b>		
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG# 171      BOX 251109      OGD 8-18-2014</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month Day Year <b>10/28/14</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Glenn R Alligood</b>		Signature <i>Glenn R Alligood</i>		Month Day Year <b>10/28/14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weights of 27,860 lbs (12,638 kg) per Sarah Lave. 10/29/14</b>						
18b. Alternate Facility (or Generator)		Manifest Reference Number		U.S. EPA ID Number		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>Ellene DeZeeuw</i>		Month Day Year <b>10/29/14</b>		

**LOAD SUMMARY RECORD**

7:37 10 29 14  
72900 lb GROSS  
0 lb TARE  
72900 lb NET

LOAD DISPOSAL DESTINATION					
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bb</i>	<input type="checkbox"/> SPOT STABILIZATION		
LOAD TRACKING INFORMATION					
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS
		20.		<i>ea</i>	<i>ea</i>
DATE		LOAD NO.			
10/29/14		2014012264			
GENERATOR			HAULER		
DOW			CH		
ORDER NO.			DRUM NO.		
1401533087			41402230		
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.			
1597		251109			
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER			1 2 3 4		
OPERATOR SIGNATURE			COUNT	DATE	

CD

29/Oct/2014 09:51:38  
GROSS lbs. 72900  
TARE lbs. 45040  
NET lbs. 27860

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	<p>WIEF CH</p> <p>OCT 29 2014</p> <p>GRASSY MOUNTAIN UT</p>
<input checked="" type="checkbox"/> YES NO	INTERIOR <input checked="" type="checkbox"/> EXTERIOR	
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	Very Small amount in box per driver.		
	Weight discrepancy - Resolved		

12638 kg

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/28/2014

Generator EPA ID: COD030446637

Load #: 14012235  
Manifest #: 007753197FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41381594	8/18/2014	CM	41381594 /	PCB Solids For Landfill	10/28/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, October 29, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753197 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Action Resources</b>				U.S. EPA ID Number <b>ALR000007273</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340 KG			
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG#171</b> <b>BOX RT 25205</b> <b>OSD-8-18-2014</b> <b>TRK# 1157</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>				Signature <i>Bob Cover</i>		Month Day Year <b>10/27/2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>George Punglin</b>				Signature <i>George Punglin</i>		Month Day Year <b>10/27/14</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)    U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)    Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Elaine DoZee</b>				Signature <i>Elaine DoZee</i>		Month Day Year <b>10/28/14</b>	

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>8</i>		<i>K6</i>		
DATE			LOAD NO.			
<i>10-28-14</i>			<i>2014012235</i>			
GENERATOR			HAULER			
<i>DRW</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41381594</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1157</i>		<i>CHRT25205</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

*CD*

9:54 10 28 14  
65600 lb GROSS  
0 lb TARE  
65600 lb NET

28/Oct/2014

11:02:40

GROSS lbs.

65600

TARE lbs.

42800

lbs.

22800

*10340 kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES NO	INTERIOR	<input checked="" type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE		DATE		
<i>[Signature]</i>		<i>10-28-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>OK</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533087  
Date Received: 10/29/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14012267

Manifest #: 007753485FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41408291	8/18/2014	CM	41408291 /	PCB Solids For Landfill	10/29/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 30, 2014

Date



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>00030446837</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753485 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b> Generator's Phone: <b>(970) 256-0009</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors ENV SXS</b>				U.S. EPA ID Number <b>MAD 0393 22250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knots Glenville, UT 84029</b> Facility Phone: <b>(435) 864-8500</b>				U.S. EPA ID Number <b>UTD991301748</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 1,340	KG	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG#171</b> <b>BOX # CRT 25653</b> <b>OSD 8-18-2014</b> <b>TRK # 1599</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <i>Bob Cover</i>		Month Day Year <b>10/28/2014</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>MICHAEL P. MATEJKA</b>		Signature <i>Michael P. Matejka</i>		Month Day Year <b>10/28/2014</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 22,120 lbs (10035 kg) per Sarah Love. (ew)</b> <b>10/29/14</b>						
	18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number		
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>				Signature <i>Ellene DeZeeuw</i>		Month Day Year <b>10/29/14</b>	



## LOAD SUMMARY RECORD

9:33 10/29/14  
63700 lb GROSS  
0 lb TARE  
63700 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>36</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C</i>		<i>(initials)</i>	<i>(initials)</i>	<i>10/29</i>
DATE			LOAD NO.			
<i>10/29/14</i>			<i>2014012267</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41408291</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>CHRT 25653</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

CD

29/Oct/2014 11:17:44  
GROSS lbs. 63700  
TARE lbs. 41580  
NET lbs. 22120

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<b>WHC</b> <b>OCT 28 2014</b> <b>GRASSY MOUNTAIN FACILITY</b>	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR	EXTERIOR		
WASHOUT SIGNATURE	DATE			
<i>(signature)</i>		<i>10-29-14</i>		
DRIVER SIGNATURE		DATE		
<i>(signature)</i>		<i>29 Oct 2014</i>		

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy - Resolved.</i>		

*10035 kg*

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/24/2014

Generator EPA ID: COD030446637

Load #: 14012106  
Manifest #: 007753486FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41331341	8/18/2014	CM	41331341 /	PCB Solids For Landfill	10/24/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Monday, October 27, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753486 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 266-8889</b>							
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>			U.S. EPA ID Number <b>MA0039322250</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8800</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	
			No.	Type			
	1.	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	EST 11,340 KG		
	2.						
	3.						
4.							
13. Waste Codes							
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG#171</b> <b>BOX # RT 25203</b> <b>OSD 8-18-2014 TRK 1627</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>BOB COVER</b>			Signature <i>[Signature]</i>		Month Day Year <b>10/23/2014</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Gary McSwick</b>			Signature <i>[Signature]</i>		Month Day Year <b>10/23/2014</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	<b>OK TO UNDO GRI Weight of 12735 kg Per Sarah Lane</b> Manifest Reference Number: <b>KG 10-24-14</b>						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4. <b>106</b>	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <b>Keith Grunnels</b>			Signature <i>[Signature]</i>		Month Day Year <b>10/24/14</b>		



## LOAD SUMMARY RECORD

9:36 10 24 14  
70780 1b GROSS  
0 1b TARE  
70780 1b NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>ELK</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		2C		ELK		
DATE			LOAD NO.			
10-24-14			2014012097 <i>106</i>			
GENERATOR			HAULER			
DOW			CH			
ORDER NO.			DRUM NO.			
1401533087			41331341			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
1427		CHRT 25203				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="checkbox"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

*15*

24/Oct/2014

10:41:03

GROSS lbs.

70780

TARE lbs.

42700

NET lbs.

28080  
12735kg

LOAD WASHOUT INFORMATION			WASHOUT STAMP		
WASHOUT:	TYPE:				
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	INTERIOR			EXTERIOR
WASHOUT SIGNATURE		DATE			
DRIVER SIGNATURE		DATE			

ITEM	COMMENTS	NAME	DATE
	Weight Discrepancy Resolved		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/24/2014

Generator EPA ID: COD030446637

Load #: 14012183

Manifest #: 007753487/FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41357120	8/18/2014	CM	41357120 /	PCB Solids For Landfill	10/27/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 28, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020541 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 266-8889</b>				U.S. EPA ID Number <b>MA039322250</b>			
6. Transporter 1 Company Name <b>Clean Harbors ENV Servs</b>				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>	1	CM	EST 11,340 KG			
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. CH807319E      ERG#171      BOX # HP 20986      DSD 8-18-2014      TRK # 88051</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>				Signature <i>Bob Cover</i>		Month Day Year <b>10/24/2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>GUEST Buith</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/24/2014</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 21,240 lbs (9636 kg) per Sara Lave. (see 10/27/14)</b>							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Gannells</b>				Signature <i>Keith Gannells</i>		Month Day Year <b>10/27/14</b>	

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bb</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C</i>		<i>er</i>		<i>10/27</i>
DATE			LOAD NO.			
<i>10-27-14</i>			<i>2014012184</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41357121</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>88051</i>		<i>CHHP20986</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="checkbox"/> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

7:30 10 27 14  
63960 lb GROSS  
0 lb TARE  
63960 lb NET

27/Oct/2014 09:19:04  
GROSS lbs. 63960  
TARE lbs. 42720  
NET lbs. 21240

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<b>WHE</b> <b>CH</b>  <b>OCT 24 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>	
<input checked="" type="checkbox"/> YES NO	INTERIOR EXTERIOR			
WASHOUT SIGNATURE	DATE			
DRIVER SIGNATURE	DATE			
<i>[Signature]</i> <i>10-27-14</i>				

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Resolved		<i>alv36 kg</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/21/2014

Generator EPA ID: COD030446637

Load #: 14011895  
Manifest #: 007753488FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41223725	8/18/2014	CM	41223725 /	PCB Solids For Landfill	10/21/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, October 22, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>CO 005046837</b>	2. Page 1 of 1	3. Generator Phone <b>(800) 495-7128</b>	4. Manifest Tracking Number <b>007753488 FLE</b>	
5. Generator Name and Address <b>Clean Harbors Grassy Mountain LLC 3555 Motine Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services</b>			U.S. EPA ID Number <b>ALR000007273</b>		U.S. EPA ID Number <b>MAAD 039372257</b>	
7. Transporter 2 Company Name			U.S. EPA ID Number		U.S. EPA ID Number <b>UTD991301748</b>	
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 684-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1 <b>CM</b>		<b>est 11,340</b>	<b>KG</b>	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. CH 807319B</b> <b>ERG#171</b> <b>Box # 20034</b> <b>OSD 8-18-2014</b> <b>TRK # 1159</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's Offeror/Printed/Typed Name <b>Bob Cover</b>		Signature <b>ON BEHALF OF Bob Cover</b>		Month Day Year <b>10/20/14</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>James A. Brown</b>		Signature <b>[Signature]</b>		Month Day Year <b>10/20/14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
<b>OK to use GM Weight of 9177kg Per Sarah have</b>				Manifest Reference Number: <b>10-21-14 KG</b>		
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Keith Brinnells</b>		Signature <b>Keith Brinnells</b>		Month Day Year <b>10/21/14</b>		

## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>fe</i>				
DATE			LOAD NO.			
<i>10-21-14</i>			<i>2014011895</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>4223725</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1159</i>		<i>CHHP20034</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

8:26 10 21 14  
62220 lb GROSS  
0 lb TARE  
62220 lb NET

21/Oct/2014 09:37:46  
GROSS lbs. 62220  
TARE lbs. 41980  
NET lbs. 20240  
*9179kg*

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<input checked="" type="checkbox"/> YES NO	INTERIOR <input checked="" type="checkbox"/> EXTERIOR	
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>10-21-14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight Resolved</i>		
	<i>Discrepancy</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/9/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011419  
Manifest #: 007753492FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41035409	8/18/2014	CM	41035409 /	PCB Solids For Landfill	10/10/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 13, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CD0030446637</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007753492 FLE</b>							
5. Generator's Name and Mailing Address <b>DWA Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>						Generator's Site Address (if different than mailing address) <b>SAME</b>									
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>						U.S. EPA ID Number <b>MA0239322250</b>									
7. Transporter 2 Company Name						U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>						U.S. EPA ID Number <b>UTD391301748</b>									
Facility's Phone: <b>(435) 884-8900</b>															
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes					
						No.	Type								
	<b>x</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>				<b>1</b>	<b>CM</b>	<b>est 11,340</b>	<b>K6</b>						
		<b>2.</b>													
		<b>3.</b>													
	<b>4.</b>														
14. Special Handling Instructions and Additional Information <b>1. CH80739B ERG#171 BOX # 20923 ASD 8-18-2014 TRK # 1480</b>															
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.															
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>						Signature <i>[Signature]</i>			Month Day Year <b>10 18 14</b>						
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____														
	17. Transporter Acknowledgment of Receipt of Materials														
	Transporter 1 Printed/Typed Name <b>GERALD ELY</b>						Signature <i>[Signature]</i>			Month Day Year <b>10 8 14</b>					
	Transporter 2 Printed/Typed Name						Signature			Month Day Year					
DESIGNATED FACILITY	18. Discrepancy														
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection														
	<b>OK to use Gm weight of 7633kg per SARAH LAKE 10-10-14 K6</b>														
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number								
	Facility's Phone:														
18c. Signature of Alternate Facility (or Generator)															
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)															
1. <b>H132</b>				2.				3.				4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a															
Printed/Typed Name <b>Ellene DeZeeuw</b>						Signature <i>[Signature]</i>			Month Day Year <b>10 10 14</b>						



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>BL</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		DN				
DATE			LOAD NO.			
10/9/14			2014011419			
GENERATOR			HAULER			
DOW			CH			
ORDER NO.			DRUM NO.			
1401533075			41035409			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
1480		CHHP 20923				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

CD

15:03 10 09 14  
60340 lb GROSS  
0 lb TARE  
60340 lb NET

09/Oct/2014 16:20:38  
GROSS lbs. 60340  
TARE lbs. 39100  
NET lbs. 21240

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT TYPE:		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO INTERIOR <input checked="" type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	10-9-14	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Resolved	9/23/14	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/13/2014

Generator EPA ID: COD030446637

Load #: 14011529  
Manifest #: 007753490FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41073442	8/18/2014	CM	41073442 /	PCB Solids For Landfill	10/13/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 14, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>CO0030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753490 FLE</b>
5. Generator Name and Address <b>Clean Harbors Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>			U.S. EPA ID Number <b>MAID 039322250</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>		
Facility's Phone:					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	x	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11340 KG
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>1. 210042250 ERG 171 BOX # CART 26368 CH807319B OSD 8-18-2014 TRK # 1599</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <b>Bob Cover</b>		Month Day Year <b>10/10/2014</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		
	Transporter signature (for exports only):		Date leaving U.S.:		
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>Michael P. Matosika</b>		Signature <b>Michael P. Matosika</b>		Month Day Year <b>10/10/14</b>
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	Manifest Reference Number:				
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number		
	Facility's Phone:				
	18c. Signature of Alternate Facility (or Generator)				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
	1. <b>H132</b>	2.	3.	4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>F. Keith Gunnells</b>			Signature <b>F. Keith Gunnells</b>		Month Day Year <b>11/01/14</b>



**LOAD SUMMARY RECORD**

GM

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>36</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C</i>		<i>20</i>		
DATE			LOAD NO.			
<i>10-13-14</i>			<i>2014011529</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41073442</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>CHRT 26368</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

9:14 10 13 14  
68360 lb GROSS  
0 lb TARE  
68360 lb NET

*CD* 13 Oct/2014 11:05:14  
GROSS lbs. 68360  
TARE lbs. 42600  
NET lbs. 25760

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<b>WHEEL WAS...</b>  <b>OCT 13 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>	
<input checked="" type="checkbox"/> YES NO	INTERIOR <input checked="" type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE	DATE			
<i>[Signature]</i>	<i>10-13-14</i>			
DRIVER SIGNATURE	DATE			
<i>[Signature]</i>	<i>13 Oct 2014</i>			

ITEM	COMMENTS	NAME	DATE

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/13/2014

Generator EPA ID: COD030446637

Load #: 14011520  
Manifest #: 007753491FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41072153	8/18/2014	CM	41072153 /	PCB Solids For Landfill	10/13/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 14, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753491 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 266-8889</b>							
6. Transporter 1 Company Name <b>Clean Harbors Grassy Mountain LLC</b>			U.S. EPA ID Number <b>UTD991301748</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) <b>1. RO. UN3452. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, PG III</b>	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	<b>X</b>		No.	Type			
			<b>1</b>	<b>CM</b>	<b>est 11,340</b>	<b>KG</b>	
14. Special Handling Instructions and Additional Information <b>1. CH007319B</b> <b>ERG#171</b> <b>Box # 20275</b> <b>OSD 8-18-2014</b> <b>TRK # 1159 action</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>			Signature <b>Bob Cover</b>		Month Day Year <b>10/10/2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Jesse A. Brown</b>			Signature <b>Jesse A. Brown</b>		Month Day Year <b>10/10/14</b>		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 22,320 lbs (10,250 kg) per Sarah</b> <b>Laure. 10/13/14</b>							
18b. Alternate Facility (or Generator)			Manifest Reference Number: _____ U.S. EPA ID Number				
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>			Signature <b>Ellene DeZeeuw</b>		Month Day Year <b>10/13/14</b>		

## LOAD SUMMARY RECORD

GM

7:53 10 13 14  
64800 1b GROSS  
0 1b TARE  
64800 1b NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC.</i>		<i>W</i>	<i>W</i>	<i>10/13</i>
DATE			LOAD NO.			
<i>10-13-14</i>			<i>2014011520</i>			
GENERATOR			HAULER			
<i>Row</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41072153</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1159</i>		<i>CHHP20275</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="checkbox"/> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

*CD*

13/Oct/2014 09:54:10  
GROSS lbs. 64800  
TARE lbs. 42480  
NET lbs. 22320

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR	<input checked="" type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE		DATE		
<i>[Signature]</i>		<i>10-13-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Box not tracked</i>		
	<i>Weight discrepancy - Resolved</i>		<i>10/25/14</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/10/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011460  
Manifest #: 007753489FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41047023	8/18/2014	CM	41047023 /	PCB Solids For Landfill	10/10/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 13, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753489 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors Env. Svcs</b>				U.S. EPA ID Number <b>MA0039322250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>				U.S. EPA ID Number <b>UTD991301748</b>			
9a. HM							
9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			<b>1</b>	<b>CM</b>	<b>est 11,340</b>	<b>K6</b>	
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information <b>1. CH807319B</b> <b>ERG#171</b> <b>Box # 20311</b> <b>OSD-8-18-2014</b> <b>TRK 1627</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>				Signature <b>Bob Cover</b>		Month Day Year <b>10 9 2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Gary Mckay</b>				Signature <b>Gary Mckay</b>		Month Day Year <b>10 9 14</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
<b>OK to use GM Weight of 8943 KG per SARAH Love KG 10-10-14</b>							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <b>Sarah Chadwick</b>				Signature <b>Sarah Chadwick</b>		Month Day Year <b>10 10 14</b>	

## LOAD SUMMARY RECORD

GM

9:01 10 10 14  
61580 lb GROSS  
0 lb TARE  
61580 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Ble</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>DN</i>				
DATE <i>10-10-14</i>			LOAD NO. <i>2014011460</i>			
GENERATOR <i>Row</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>41047023</i>			
TRUCK NO. <i>1627</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP20311</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> TT FB V OTHER				LOAD COUNT (RAIL ONLY): 1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

10/Oct/2014 10:36:07  
GROSS lbs. 61580  
TARE lbs. 41860  
NET lbs. 19720  
*8943K*

LOAD WASHOUT INFORMATION			WASHOUT STAMP
WASHOUT TYPE: <input checked="" type="checkbox"/> YES NO INTERIOR <input checked="" type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE <i>[Signature]</i>		DATE <i>10-10-14</i>	
DRIVER SIGNATURE		DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/23/2014

Generator EPA ID: COD030446637

Load #: 14011993  
Manifest #: 007753494FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41270529	8/18/2014	CM	41270529 /	PCB Solids For Landfill	10/23/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Monday, October 27, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753494 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env. Svc</b>			U.S. EPA ID Number <b>MA1039322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1. CM		est 11,340	KG
		2.				
		3.				
		4.				
13. Waste Codes						
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG#171</b> <b>Box # 251377</b> <b>OSD 8-18-2014 TRK # 88051</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>			Signature <b>Bob Cover</b>		Month Day Year <b>10/22/2014</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
	Transporter signature (for exports only):					
	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <b>Ernest Buick</b>		Signature <b>[Signature]</b>		Month Day Year <b>10/22/2014</b>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 15,980 lbs (7250 kg) per Sarah Lawe.</b>					
	18b. Alternate Facility (or Generator)		Manifest Reference Number: U.S. EPA ID Number			
	Facility's Phone:					
	18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Elene DeZeeuw</b>			Signature <b>[Signature]</b>		Month Day Year <b>10/23/14</b>	



## LOAD SUMMARY RECORD

7:40 10 23 14  
59560 lb GROSS  
0 lb TARE  
59560 lb NET

LOAD DISPOSAL DESTINATION					
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>BC</i>	<input type="checkbox"/> SPOT STABILIZATION		
LOAD TRACKING INFORMATION					
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS
		<i>28</i>		<i>up</i>	<i>er</i>
DATE	LOAD NO.		MANIFEST MAILED		
<i>10/23/14</i>	<i>2014011993</i>		<i>10/23</i>		
GENERATOR			HAULER		
<i>DOW</i>			<i>CH</i>		
ORDER NO.			DRUM NO.		
<i>1401533075</i>			<i>41270529</i>		
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.			
<i>88651</i>		<i>251377</i>			
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER			1 2 3 4		
OPERATOR SIGNATURE			COUNT	DATE	

*CD*

23/Oct/2014 09:29:52  
GROSS lbs. 59560  
TARE lbs. 43580  
NET lbs. 15980

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	<b>WHEEL WASH</b>  <b>OCT 22 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>
YES NO	INTERIOR EXTERIOR	
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy - Resolved</i>		<i>1250 kg</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/22/2014

Generator EPA ID: COD030446637

Load #: 14011954  
Manifest #: 007753495FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41246371	8/18/2014	CM	41246371 /	PCB Solids For Landfill	10/22/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Monday, October 27, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030448637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753495 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env Serv Neier, Inc</b>			U.S. EPA ID Number <b>IND 984868406</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<b>X</b>	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1 CM</b>		<b>237</b>	<b>11,340 KG</b>	
14. Special Handling Instructions and Additional Information <b>1. CH807325B ERG#171</b> <b>Box # 25920</b> <b>OSD 8-18-2014 TRK# 81</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <b>ON BEHALF OF Bob Cover</b>		Month Day Year <b>10/21/2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Edgar Adams</b>			Signature <b>Edgar Adams</b>		Month Day Year <b>10/21/14</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 18,440 lbs (8366 kg) per Sarah Lave.</b> <b>OSD 10/22/14</b>						
18b. Alternate Facility (or Generator)			Manifest Reference Number: _____ U.S. EPA ID Number _____			
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2. _____		3. _____		4. _____
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item-18a.						
Printed/Typed Name <b>Ellene DeZeeuw</b>			Signature <b>Ellene DeZeeuw</b>		Month Day Year <b>10/22/14</b>	



**LOAD SUMMARY RECORD**

7:54 10 22 14  
58200 lb GROSS  
0 lb TARE  
58200 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <u>B6</u>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<u>ZC</u>		<u>(initials)</u>	<u>(initials)</u>	<u>10/22</u>
DATE			LOAD NO.			
<u>10/22/14</u>			<u>2014011954</u>			
GENERATOR			HAULER			
<u>DOW</u>			<u>Neier</u>			
ORDER NO.			DRUM NO.			
<u>1401533087</u>			<u>41246371</u>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<u>81</u>		<u>25920</u>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <u>G</u> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

CD

22/Oct/2014 09:13:06  
GROSS lbs. 58200  
TARE lbs. 39760  
NET lbs. 18440

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<u>YES</u> NO	INTERIOR <u>EXTERIOR</u>			
WASHOUT SIGNATURE	DATE			
<u>(signature)</u>	<u>10-22-14</u>			
DRIVER SIGNATURE	DATE			

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Resolved		8/3/14

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/15/2014

Generator EPA ID: COD030446637

Load #: 14011658  
Manifest #: 007753496FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41119211	8/18/2014	CM	41119211 /	PCB Solids For Landfill	10/15/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 16, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446837</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753496 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors EHV SWS</b>			U.S. EPA ID Number <b>MAJ0393 22250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG	
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      BOX # HP 21129 20311      CHHP      ASD 8-18-2014      TRK 1599</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month Day Year <b>10/14/2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials.						
Transporter 1 Printed/Typed Name <b>Michael P. Matzura</b>		Signature <i>Michael P. Matzura</i>		Month Day Year <b>11/01/14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 19,340 lbs (8774 kg) per Sarah Lowe. (u)</b> <b>10/15/14</b>						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:				Month Day Year		
18c. Signature of Alternate Facility (or Generator)						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Elene DeZeeuw</b>		Signature <i>Elene DeZeeuw</i>		Month Day Year <b>10/15/14</b>		

## LOAD SUMMARY RECORD

8:57 10 15 14  
59540 1b GROSS  
0 1b TARE  
59540 1b NET

LOAD-DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC</i>		<i>W</i>		
DATE			LOAD NO.			
<i>10/15/14</i>			<i>2014011658</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41119211</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>CHHP 20311</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD*

15/Oct/2014 10:27:01  
GROSS lbs. 59540  
TARE lbs. 40200  
NET lbs. 19340

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<b>WHEEL WASH</b> <i>1027</i> <b>OCT 15 2014</b>  GRASSY MOUNTAIN FACILITY	
<input checked="" type="checkbox"/> YES NO	INTERIOR EXTERIOR			
WASHOUT SIGNATURE		DATE		
<i>[Signature]</i>		<i>10-15-14</i>		
DRIVER SIGNATURE		DATE		
<i>[Signature]</i>		<i>15 Oct 2014</i>		

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy -</i>		

*8774 kg*

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/15/2014

Generator EPA ID: COD030446637

Load #: 14011659  
Manifest #: 007753497FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41119212	8/18/2014	CM	41119212 /	PCB Solids For Landfill	10/15/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

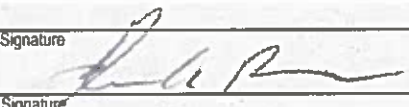
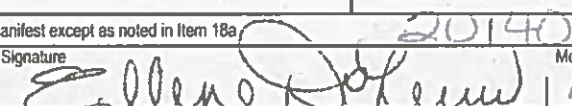
Authorized Agent

Thursday, October 16, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753497 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>				U.S. EPA ID Number <b>ALR 000007273</b>			
6. Transporter 1 Company Name <b>Action Resources</b>				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1. CH8073258      ERG#171</b> <div style="text-align: right; margin-top: 10px;"><b>Box # HP 2004H 21109 TRK # 1159</b></div> <b>OSD 8-18-2014</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>				Signature <b>on behalf of Bob Cover</b>		Month Day Year <b>10/14/2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>JAMES A. BROWN</b>				Signature 		Month Day Year <b>10/14/14</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 17,020 lbs (7722 kg) per Sarah Lave.</b> <b>GA 10/15/14</b>						
	18b. Alternate Facility (or Generator)				Manifest Reference Number: _____		
	Facility's Phone: _____				U.S. EPA ID Number		
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2. <b>-</b>		3. _____		4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>				Signature 		Month Day Year <b>10/15/14</b>	

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC.</i>		<i>w</i>		
DATE			LOAD NO.			
<i>10/15/14</i>			<i>2014011659</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41119212</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1159</i>		<i>CHHP 21109</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

9:00 10 15 14  
58540 lb GROSS  
0-1b TARE  
58540 lb NET

*CD*

15/Oct/2014 10:17:20

GROSS lbs. 58540

TARE lbs. 41520

NET lbs. 17020

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES NO	INTERIOR <input checked="" type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE		DATE		
<i>[Signature]</i>		<i>10-15-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy -</i>		<i>11/22/14</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/15/2014

Generator EPA ID: COD030446637

Load #: 14011660  
Manifest #: 007753498FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41119209	8/18/2014	CM	41119209 /	PCB Solids For Landfill	10/15/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 16, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753498 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors EDU SCS</b>			U.S. EPA ID Number <b>MA10393222SD</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
<b>x</b>	<b>RO. UN3432: POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1</b>	<b>CM</b>	<b>est 11,340 KG</b>		
14. Special Handling Instructions and Additional Information <b>1. CH807325B</b> <b>ERG#171</b> <b>Box # HP 21151</b> <b>OSD 8-18-2014</b> <b>TRK # 1600</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>			Signature <b>ON BEHALF OF Bob Cover</b>		Month Day Year <b>10 14 2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Jeff Hagg</b>			Signature <b>[Signature]</b>		Month Day Year <b>10 14 2014</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)    U.S. EPA ID Number						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)    Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ellene DeZeeuw</b>			Signature <b>[Signature]</b>		Month Day Year <b>10 15 14</b>	







Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/17/2014

Generator EPA ID: COD030446637

Load #: 14011764  
Manifest #: 007753500FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41165257	8/18/2014	CM	41165257 /	PCB Solids For Landfill	10/17/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Monday, October 20, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>CO030448837</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753500 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env Svc</b>			U.S. EPA ID Number <b>MA0239322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
x	1. <b>RD. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340 KG		
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      BOX# 25991      DSD 8-18-2014      TRK# 1599</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month Day Year <b>10/16/2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Michael P. Matoska</b>		Signature <i>Michael P. Matoska</i>		Month Day Year <b>10/16/14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year <b>10/16/2014</b>		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
<b>OK to use GM weight + 89914kg PER Sarah have</b>						
18b. Alternate Facility (or Generator)				Manifest Reference Number: <b>101714</b> U.S. EPA ID Number		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Stacy Chadwick</b>		Signature <i>Stacy Chadwick</i>		Month Day Year <b>10/17/14</b>		



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>22</i>		<i>2</i>	<i>X6</i>	<i>10/17</i>
DATE			LOAD NO.			
<i>10/17/14</i>			<i>20140117604</i>			
GENERATOR			HAULER			
<i>NDW</i>			<i>CHES</i>			
ORDER NO.			DRUM NO.			
<i>140533087</i>			<i>41165257</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>25991</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
<input checked="" type="checkbox"/> ED <input type="checkbox"/> G <input type="checkbox"/> TT <input type="checkbox"/> FB <input type="checkbox"/> V <input type="checkbox"/> OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

7:39 10 17 14  
61940 lb GROSS  
0 lb TARE  
61940-lb NET

17/Oct/2014 10:16:52  
GROSS lbs. 61940  
TARE lbs. 40080  
NET lbs. 21860 ✓

*9914kg*

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	<b>WHEEL WASH</b>  <b>OCT 17 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>	
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>10-17-14</i>	
DRIVER SIGNATURE	DATE	
<i>[Signature]</i>	<i>17 Oct 2014</i>	

ITEM	COMMENTS	NAME	DATE
	<i>wt discrepancy</i>		
	<i>Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations

*5*





Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/20/2014

Generator EPA ID: COD030446637

Load #: 14011861  
Manifest #: 007753501FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41205879	8/18/2014	CM	41205879 /	PCB Solids For Landfill	10/20/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 21, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753501 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3585 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>				U.S. EPA ID Number <b>MA1039322250</b>			
6. Transporter 1 Company Name <b>Clean Harbors ENV Serv</b>				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
	x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171</b> <div style="text-align: right;"><b>Box # HP 20414</b> <b>OSD 8-18-2014      TRK # 1627</b></div>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <i>Bob Cover</i>		Month Day Year <b>10/17/2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials				Month Day Year		
	Transporter 1 Printed/Typed Name <b>Gary McKissick</b>				Signature <i>Gary McKissick</i>		Month Day Year <b>10/17/2014</b>
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GMI Weight of 9986kg per SARAH Lab 10-20-14 KES</b>						
	18b. Alternate Facility (or Generator)				Manifest Reference Number: <b>2014011861</b>		
	Facility's Phone:				U.S. EPA ID Number		
	18c. Signature of Alternate Facility (or Generator)				Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Elene DeZeeuw</b>				Signature <i>Elene DeZeeuw</i>		Month Day Year <b>10/20/14</b>	

## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>36</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC.</i>				
DATE			LOAD NO.			
<i>10.20-14</i>			<i>2014011861</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41205879</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1627</i>		<i>CHHP20136</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

CD

12:04 10 20 14  
64500 lb GROSS  
0 lb TARE  
64500 lb NET

20/Oct/2014 13:40:24  
GROSS lbs. 64500  
TARE lbs. 42480  
NET lbs. 22020

*9986 kg*

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<input checked="" type="checkbox"/> YES NO INTERIOR <input checked="" type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>10.20.14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy</i>		
	<i>Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/20/2014

Generator EPA ID: COD030446637

Load #: 14011850  
Manifest #: 007753502FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41193162	8/18/2014	CM	41193162 /	PCB Solids For Landfill	10/20/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 21, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753502 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 266-8889</b>							
6. Transporter 1 Company Name <b>NEIER INC</b>			U.S. EPA ID Number <b>TD 984868 406</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1</b>	<b>CM</b>	<b>est 11,340</b>	<b>KG</b>		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. CH807325B      ERG#171      BOX HP 20414      OSD 8-18-2014      TRK # 81 (NEIER)</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <b>ON BEHALF OF Bob Cover</b>		Month Day Year <b>10/17/2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Edgar Adams</b>			Signature <b>Edgar Adams</b>		Month Day Year <b>10/17/14</b>		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weights of 30,100 lbs (13,654 kg) per Sarah Lave. @ 10/20</b>							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)      U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)      Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>T. Keith Gunnells</b>			Signature <b>T. Keith Gunnells</b>		Month Day Year <b>10/20/14</b>		

## LOAD SUMMARY RECORD

GM

7:19 10 20 14  
70920 1b GROSS  
0 1b TARE  
70920 1b NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bv</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC</i>		<i>ea</i>	<i>ea</i>	<i>CD</i>
DATE <i>10-20-14</i>			LOAD NO. <i>2014011850</i>			
GENERATOR <i>DOW</i>			HAULER <i>NEER</i>			
ORDER NO. <i>1401533087</i>			DRUM NO. <i>41193162</i>			
TRUCK NO. <i>81</i>	CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP20414</i>					
CONTAINER TYPE: ED <input checked="" type="radio"/> TT FB V OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

20/Oct/2014 08:52:12  
GROSS lbs. 70920  
TARE lbs. 40820  
NET lbs. 30100

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<input checked="" type="checkbox"/> YES NO	INTERIOR <input checked="" type="checkbox"/> EXTERIOR	
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>10-20-14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	Box Not Shipped / Tracked		
	Weight discrepancy - Resolved		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/15/2014

Generator EPA ID: COD030446637

Load #: 14011689  
Manifest #: 008127085FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41131399	8/18/2014	CM	41131399 /	PCB Solids For Landfill	10/15/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Friday, October 17, 2014

Date



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number C O D 0 3 0 4 4 6 6 3 7	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 008127085 FLE		
5. Generator's Name and Mailing Address Dow Chemical Company 3555 Moline Street Aurora, CO 80010			Generator's Site Address (if different than mailing address) SAME				
Generator's Phone: (970) 256-9889							
6. Transporter 1 Company Name Clean Harbors Env Svcs			U.S. EPA ID Number MAD039322250				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029			U.S. EPA ID Number UTD991301748				
Facility's Phone: (435) 884-8900							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	x	1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III	1 CM		11,340	KG	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information 1. CH807319B      ERG#171 OSD 8-18-2014      BOX # RT 25709 TRK # 26368							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Bob Cover		Signature Bob Cover		Month Day Year 10/14/19			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name ERACD ELY		Signature A.S.		Month Day Year 10/19/19		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space OK to use Grm weights of 35,620 lbs (16,157 Kg) per Sarah Lave (ew) 10/16/14						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132      2.      3.      4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Ellene DeZeem							
Signature Ellene DeZeem		Month Day Year 10/15/19					



## LOAD SUMMARY RECORD

GM

14:25 10 15 14  
77620 1b GROSS  
0 1b TARE  
77620 1b NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>36</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC.</i>		<i>(signature)</i>		<i>1</i>
DATE			LOAD NO.			
<i>10/15/14</i>			<i>2014011689</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41131399</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1400</i>		<i>CHRT 26368</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD*

15/Oct/2014 17:16:24  
GROSS lbs. 77620  
TARE lbs. 42000  
NET lbs. 35620

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES NO	<input checked="" type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE		DATE		
<i>(signature)</i>		<i>10-15-14</i>		
DRIVER SIGNATURE		DATE		
<i>J</i>				

ITEM	COMMENTS	NAME	DATE
	Box not tracked		
	Weight discrepancy - Resolved		10/15/14

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/24/2014

Generator EPA ID: COD030446637

Load #: 14012102  
Manifest #: 007753504FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41332376	8/18/2014	CM	41332376 /	PCB Solids For Landfill	10/24/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 27, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007753504 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>					Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 256-8889</b>									
6. Transporter 1 Company Name <b>Price Trucking</b>					U.S. EPA ID Number <b>WYD046765574</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>					U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	<b>x</b>	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>			<b>1</b>	<b>CM</b>	<b>est 11,340 KG</b>		
14. Special Handling Instructions and Additional Information <b>1. CH907325B ERG#171</b> <b>Box # HP 21137</b> <b>DSJ 8-18-2014 TRK # 9200</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>					Signature <b>Bob Cover</b>		Month Day Year <b>10/22/2014</b>		
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>PAVEL ZIMKIV</b>					Signature <b>Pavel Zimkiv</b>		Month Day Year <b>10/22/2014</b>	
	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Keith Sunnells</b>					Signature <b>Keith Sunnells</b>		Month Day Year <b>10/24/14</b>		



**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bl</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC.</i>		<i>K6</i>		
DATE			LOAD NO.			
<i>10-24-14</i>			<i>2014012102</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>Price</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41332376</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>9200</i>		<i>C44P21137</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

10:20 10 24 14  
65100 lb GROSS  
0 lb TARE  
65100 lb NET

24/Oct/2014 12:02:46

GROSS lbs. 65100

TARE lbs. 40840

NET lbs. 24260

*11002kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="radio"/> YES NO	INTERIOR <input checked="" type="radio"/> EXTERIOR			
WASHOUT SIGNATURE		DATE		
<i>Ed K. Lauer</i>		<i>10-24-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>OK</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Environmental Services  
2474 N HWY 169  
COFFEYVILLE, KS 67337  
620.251.6380  
Fax 620.251.2822  
www.cleanharbors.com

November 18, 2014

Dow Chemical Company  
3555 Moline St.  
Aurora, CO 80010

RE: Sales Order #: 1402713989

Enclosed please find a signed copy of your shipping document, which indicates acceptance of your waste at our Clean Harbors PPM facility in Coffeyville, Kansas.

Shipping Document Number: 007787258FLE

Date Received: 11/15/14

In accordance with 40 CFR 264.12(b), Clean Harbors PPM, LLC-Coffeyville Facility has the appropriate state and federal permits to accept, store, and/or treat the waste you shipped to our facility. This letter should be kept on file with your copy of the signed manifest.

We appreciate your business. If you have any questions, please contact your Facility Service Representative at (620) 251-6380.

Sincerely,

A handwritten signature in black ink that reads "Richard L. Bevans".

Richard L. Bevans  
Facility General Manager

Enclosure(s)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>007787258 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>					Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>								
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services Inc</b>					U.S. EPA ID Number <b>MAD039322250</b>			
7. Transporter 2 Company Name <b>Clean Harbors Envit. Services Inc</b>					U.S. EPA ID Number <b>MAD039322250</b>			
8. Designated Facility Name and Site Address <b>Clean Harbors PPM LLC 2474 Highway 169 North Coffeyville, KS 67337</b>					U.S. EPA ID Number <b>KSD981506025</b>			
Facility's Phone: <b>(620) 251-8380</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes		
		No.	Type					
x	1. <b>UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS), 9, PG III</b> <b>DID NOT SHIP</b>	<del>JB</del>	<del>TP</del>	<del>25</del>	<del>30</del>			
x	2. <b>UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS), 9, PG III</b> <b>UN315, Polychlorinated Biphenyls, liquid, 9, PG III</b>	001	TP	20	6			
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. <b>CH860817</b> <b>ERG#171</b> 2. <b>CH860817</b> <b>ERG#171</b> <b>1X TTTZ</b> <b>JB DNS</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. <b>COLETD</b>								
Generator's/Offeror's Printed/Typed Name <b>BOB COVER</b>					Signature <i>[Signature]</i>		Month Day Year <b>10 12 2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Dennis Kaminski</b>					Signature <i>[Signature]</i>		Month Day Year <b>10 29 14</b>	
Transporter 2 Printed/Typed Name <b>SHAWN A. CULEK</b>					Signature <i>[Signature]</i>		Month Day Year <b>10 13 14</b>	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
2) 149 kg Reported to Tom Giesek. Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) Facility's Phone: _____					U.S. EPA ID Number			
18c. Signature of Alternate Facility (or Generator) <i>[Signature]</i>					Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H141</b>		2. <b>H141</b>		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Derek Steelman</b>					Signature <i>[Signature]</i>		Month Day Year <b>11 15 14</b>	



EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/29/2014

Generator EPA ID: COD030446637

Load #: 14012270  
Manifest #: 008127076FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41409789	8/18/2014	CM	41409789 /	PCB Solids For Landfill	10/29/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 30, 2014

Date



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number C O D 0 3 0 4 4 8 6 3 7		2. Page 1 of 1		3. Emergency Response Phone (800) 483-3718		4. Manifest Tracking Number 008127076 FLE		
5. Generator's Name and Mailing Address Dow Chemical Company 3555 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889						Generator's Site Address (if different than mailing address) SAME				
6. Transporter 1 Company Name Weier						U.S. EPA ID Number IND984868406				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900						U.S. EPA ID Number UTD991301748				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes
						No.	Type			
	x	1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III				1	CM	237 11,340	KG	
		2.								
		3.								
	4.									
14. Special Handling Instructions and Additional Information 1. CH007019B ERG#171 BOX HP 20038 DSD 8-18-2014 TRK# 81										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name Bob Cover						Signature on behalf of Bob Cover		Month Day Year 10/27/2014		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name Edgar Adams				Signature Edgar Adams		Month Day Year 10/27/14			
	Transporter 2 Printed/Typed Name				Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection OK to use Gm weights of 18,800 lbs, (8529 Kg) per Sarah Lave (ew) 10/29/14									
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number			
	Facility's Phone:						Month Day Year			
	18c. Signature of Alternate Facility (or Generator)									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. H132		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name Ellene DeZeeuw						Signature Ellene DeZeeuw		Month Day Year 10/29/14		

## LOAD SUMMARY RECORD

10:19 10 29 14  
59560 lb GROSS  
0 lb TARE  
59560 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC.</i>		<i>ew</i>	<i>ew</i>	<i>10/29</i>
DATE			LOAD NO.			
<i>10/29/14</i>			<i>2014012270</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>Neier</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41409789</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>81</i>		<i>CHHP 20038</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

CD

29/Oct/2014 12:18:36  
GROSS lbs. 59560  
TARE lbs. 40760  
NET lbs. 18800

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>	
WASHOUT SIGNATURE	DATE	
<i>[Signature]</i>	<i>10-29-14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	Box not tracked		
	Weight discrepancy - Resolved		

*8529 Fy*



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/28/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14012227  
Manifest #: 008127077FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41379714	8/18/2014	CM	41379714 /	PCB Solids For Landfill	10/28/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, October 29, 2014

Date



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>008127077 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3558 Moline Street Aurora, CO 80010</b>						Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>									
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>						U.S. EPA ID Number <b>MA00393 22250</b>			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>						U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>				<b>1</b>	<b>CM</b>	<b>15,340</b>	<b>KG</b>	
	2.								
	3.								
4.									
14. Special Handling Instructions and Additional Information <b>1. CH007319B</b> <b>ERG#171</b> <b>BOX # 251377</b> <b>OSD 8-18-2014</b> <b>TRK # 1627</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>						Signature <i>Bob Cover</i>		Month Day Year <b>10 27 2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>Gary Mfkssick</b>						Signature <i>Gary Mfkssick</i>		Month Day Year <b>10 27 14</b>	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ellene DeZeeuw</b>						Signature <i>Ellene DeZeeuw</i>		Month Day Year <b>10 28 14</b>	



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>6</i>		<i>K57</i>		
DATE			LOAD NO.			
<i>10/28/14</i>			<i>2014012227</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41379714</i>			
TRUCK NO.	CONTAINER NO. (s) / RAILCAR NO.					
<i>1627</i>	<i>251262 251377</i>					
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> TT FB V OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

*CD*

7:59 10 28 14  
71320 lb GROSS  
0 lb TARE  
71320 lb NET

28/Oct/2014 09:36:00  
GROSS lbs. 71320  
TARE lbs. 46140  
NET lbs. 25180

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<i>YES</i> NO	INTERIOR	EXTERIOR		
WASHOUT SIGNATURE		DATE		
<i>[Signature]</i>		<i>10-28-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>OK</i>	<i>11420 kg</i>	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/27/2014

Generator EPA ID: COD030446637

Load #: 14012196

Manifest #: 008127078FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41361724	8/18/2014	CM	41361724 /	PCB Solids For Landfill	10/27/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 28, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127078 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
6. Transporter 1 Company Name <b>Clean Harbors ENV SCS</b>			U.S. EPA ID Number <b>MAD039322250</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))  <b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
			No.	Type			
			<b>1 CM</b>		<b>EST 11,340 KG</b>		
13. Waste Codes							
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171 BOXART 24009</b> <b>OSD 8-18-2014 TRK #</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <i>Bob Cover</i>		Month Day Year <b>10 24 2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>MICHAEL P. MATEJKA</b>			Signature <i>Michael P. Matejka</i>		Month Day Year <b>10 24 2014</b>		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
<b>OK to use Gm Weight of 153.74 kg per Sarah Lavey</b>							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Gunnells</b>			Signature <i>Keith Gunnells</i>		Month Day Year <b>10 27 14</b>		



## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>36</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C</i>		<i>HL9</i>		
DATE			LOAD NO.			
<i>10-27-14</i>			<i>2014012196</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41361724</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>CHRT24009</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

CD

10:58 10 27 14  
76100 lb GROSS  
0 lb TARE  
76100 lb NET

27/Oct/2014 12:23:32  
GROSS lbs. 76100  
TARE lbs. 42200  
NET lbs. 33900  
*15374 kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:		<b>WHEEL WASH</b>  <b>GRASS</b>	
<input checked="" type="radio"/> YES <input type="radio"/> NO	INTERIOR <input type="radio"/> EXTERIOR <input checked="" type="radio"/>			
WASHOUT SIGNATURE	DATE			
<i>[Signature]</i>	<i>10-27-14</i>			
DRIVER SIGNATURE	DATE			
<i>[Signature]</i>	<i>27 Oct 2014</i>			

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy</i>		
	<i>Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/27/2014

Generator EPA ID: COD030446637

Load #: 14012185

Manifest #: 008127079PLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41358102	8/18/2014	CM	41358102 /	PCB Solids For Landfill	10/27/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 28, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030448637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127079 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 256-8889</b>							
6. Transporter 1 Company Name <b>Action Resources</b>			U.S. EPA ID Number <b>ALR 000207573</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	X	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1 <b>CM</b>		<b>EST 1,340 KG</b>		
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>1. CH807319B</b> <b>ERG#171</b> <b>Box# RT 20218</b> <b>OSD 8-18-2014</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>		Signature <b>Bob Cover</b>		Month Day Year <b>10 24 14</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>JAMES A BROWN</b>		Signature <b>[Signature]</b>		Month Day Year <b>10 24 14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weight of 13977 kg. Ref Sarah Lave KG 10-27-14</b>						
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)		Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <b>Ellene DeZeeuw</b>		Month Day Year <b>10 27 14</b>			

**LOAD SUMMARY RECORD**

8:15 10 27 14  
71940 lb GROSS  
0 lb TARE  
71940 lb NET

LOAD DISPOSAL DESTINATION			
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>34</i>	<input type="checkbox"/> SPOT STABILIZATION

LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>20.</i>				<i>10-27</i>

DATE	LOAD NO.
<i>10/27/14</i>	<i>20140121845</i>

GENERATOR	HAULER
<i>DOW</i>	<i>Action</i>

ORDER NO.	DRUM NO.
<i>1401533075</i>	<i>41358102</i>

TRUCK NO.	CONTAINER NO. (s) / RAILCAR NO.
<i>1159</i>	<i>CHRT 20218</i>

CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):
ED <input checked="" type="radio"/> TT FB V OTHER	1 2 3 4

OPERATOR SIGNATURE	COUNT	DATE

27/Oct/2014 09:54:12  
GROSS lbs. 71940  
TARE lbs. 41120  
NET lbs. 30820

*13977kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP
WASHOUT:	TYPE:		
<input checked="" type="radio"/> YES <input type="radio"/> NO	INTERIOR	EXTERIOR	
WASHOUT SIGNATURE	DATE		
<i>7/A</i>	<i>10-27-14</i>		
DRIVER SIGNATURE	DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy</i>		
	<i>Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/24/2014

Generator EPA ID: COD030446637

Load #: 14012091

Manifest #: 008127080FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41328734	8/18/2014	CM	41328734 /	PCB Solids For Landfill	10/24/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Monday, October 27, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127080 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>NEIER, INC</b>			U.S. EPA ID Number <b>IND 984868 406</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
<b>x</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, B, PG III</b>	<b>1</b>	<b>CM</b>	<b>11,340</b>	<b>KG</b>	
14. Special Handling Instructions and Additional Information <b>1. CH807319B      ERG#171      BOX # HP20923      05/08-18-2014      TRUCK# 81</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month Day Year <b>10/23/2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Edgar Adams</b>		Signature <i>Edgar Adams</i>		Month Day Year <b>10/23/14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm Weight of 8408 kg PER Seaman have KG 10 24</b>						
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>F. Keith Funnells</b>		Signature <i>F. Keith Funnells</i>		Month Day Year <b>10/24/14</b>		

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>36</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
	<i>20</i>			<i>K67</i>		
DATE			LOAD NO.			
<i>10-24-14</i>			<i>2014012091</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>Neier</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41328734</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>81</i>		<i>CHH 20923</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> TT FB V OTHER			1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

7:59 10 24 14  
57980 lb GROSS  
0 lb TARE  
57980 lb NET

57980 152

57980

24/Oct/2014

09:35:50

GROSS lbs.

57980

TARE lbs.

39440

NET lbs.

18540

*8408kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>			
WASHOUT SIGNATURE		DATE		
<i>ble Kromer</i>		<i>10-24/14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

GROSS lbs.

TARE lbs.

NET lbs.

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

*5* PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/23/2014

Generator EPA ID: COD030446637

Load #: 14011994  
Manifest #: 008127081FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41270585	8/18/2014	CM	41270585 /	PCB Solids For Landfill	10/23/2014	Landfill	Grassy Mountain, UT Facility

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*Shane B. Whitney*

Authorized Agent

Monday, October 27, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030448837</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127081 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Action Resources</b>			U.S. EPA ID Number <b>ALR000007273</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1 <b>CM</b>		<b>EST 11,340</b>	<b>KG</b>	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1-CH807919B ERG#171</b> <b>Box # 25109</b> <b>OSD 8-18-2014 TRK# 1159 Action</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offen's Printed/Typed Name <b>Bob Cover</b>			Signature <b>Bob Cover</b>		Month <b>10</b>	Day <b>22</b>
					Year <b>2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>James A. Brown</b>			Signature <b>[Signature]</b>		Month <b>10</b>	Day <b>22</b>
Transporter 2 Printed/Typed Name			Signature		Year <b>2014</b>	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weights of 19,420 lbs (8810 kg) per Sarah Lowe.</b> <b>10/23/14</b>						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4. <b>20141011994</b>
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Kerth Munnells</b>			Signature <b>Kerth Munnells</b>		Month <b>10</b>	Day <b>23</b>
					Year <b>14</b>	

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>8</i>		<i>mw</i>	<i>er</i>	<i>10/23</i>
DATE			LOAD NO.			
<i>10-23-14</i>			<i>201404994</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41270585</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1159</i>		<i>251109</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

8:13 10 23 14  
61320 lb GROSS  
0 lb TARE  
61320 lb NET

23/Oct/2014 09:36:01  
GROSS lbs. 61320  
TARE lbs. 41900  
NET lbs. 19420

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> INTERIOR <input type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE		DATE		
<i>Colt Danner</i>		<i>10/23/14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Resolved		<i>8/8/10</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/16/2014

Generator EPA ID: COD030446637

Load #: 14011738  
Manifest #: 008127082FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41145833	8/18/2014	CM	41145833 /	PCB Solids For Landfill	10/16/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Friday, October 17, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127082 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>			U.S. EPA ID Number <b>MA039322250</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG
	2.				
	3.				
	4.				
14. Special Handling Instructions and Additional Information <b>1. CH807319B      ERG#171      BOX # 20989 CHHP      OSD 8-18-2014      TRK # 2012</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month Day Year <b>10 15 14</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>MICHAEL PEREL</b>		Signature <i>Michael Perel</i>		Month Day Year <b>10 15 14</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GM weights of 31860 lbs (14452 kg) per Sarah Lawe. 10/16/14</b>					
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
4.		5.		6.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>F. Keith Gunnells</b>		Signature <i>F. Keith Gunnells</i>		Month Day Year <b>10 16 14</b>	

CHI 208





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/16/2014

Generator EPA ID: COD030446637

Load #: 14011739  
Manifest #: 008127083FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41147449	8/18/2014	CM	41147449 /	PCB Solids For Landfill	10/16/2014	Landfill	Grassy Mountain, UT Facility

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*Shane B. Whitney*

Authorized Agent

Friday, October 17, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127083 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 266-8889</b>						
6. Transporter 1 Company Name <b>NEIER INC</b>			U.S. EPA ID Number <b>IND 984868406</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
x	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1 CM	251 11,340	KG		
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>OSD 8-18-2014</b> <b>BOX # 20982</b> <b>TRK # 81</b>						
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month Day Year <b>10/15/2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Edgar A Adams</b> Signature <i>Edgar Adams</i> Month Day Year <b>10/15/2014</b> Transporter 2 Printed/Typed Name Signature Month Day Year						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. 3. 4. <b>2011011739</b>						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Ellene DeZeeuw</b> Signature <i>Ellene DeZeeuw</i> Month Day Year <b>10/16/14</b>						

## LOAD SUMMARY RECORD

11:51 10 16 14  
64800 lb GROSS  
0 lb TARE  
64800 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>28</i>		<i>W</i>		
DATE <i>10/16/14</i>			LOAD NO. <i>2014011739</i>			
GENERATOR <i>DOW</i>			HAULER <i>Neier</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>41147449</i>			
TRUCK NO. <i>81</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP 20982</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER				LOAD COUNT (RAIL ONLY): 1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD*

*16/Oct/2014*      *13:52:43*  
GROSS lbs.      64900  
TARE lbs.      39660  
NET lbs.      25140

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:		TYPE:		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE <i>[Signature]</i>		DATE <i>10-16-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Box not tracked</i>		<i>[Signature]</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/16/2014

Generator EPA ID: COD030446637

Load #: 14011737  
Manifest #: 008127084FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41145832	8/18/2014	CM	41145832 /	PCB Solids For Landfill	10/16/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Friday, October 17, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127084 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors Env Sucs</b>			U.S. EPA ID Number <b>MAI 039322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>	1	CM	est 11,340 KG		
14. Special Handling Instructions and Additional Information <b>1. CH007319B</b> <b>ERG#171</b> <b>BOX # RT 25707</b> <b>DSD 8-18-2014</b> <b>TRK # 88082</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <i>Bob Cover</i>		Month Day Year <b>10/15/2014</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>EDGAR ORTEGA</b>			Signature <i>[Signature]</i>		Month Day Year <b>10/15/2014</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 30040 lbs (13627 kg) per Sarah Lave. (en)</b> <b>10/16/14</b> Manifest Reference Number:						
18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)			Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>F. Keith Bucknells</b>			Signature <i>F. Keith Bucknells</i>		Month Day Year <b>10/16/14</b>	

## LOAD SUMMARY RECORD

GM

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>SE</i>		<i>W</i>		
DATE <i>10-16-14</i>			LOAD NO. <i>2014011737</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>41145832</i>			
TRUCK NO. <i>88082</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHR+25707</i>				
CONTAINER TYPE: <i>ED</i> <input checked="" type="checkbox"/> <i>G</i> <input type="checkbox"/> <i>PT</i> <input type="checkbox"/> <i>FB</i> <input type="checkbox"/> <i>V</i> <input type="checkbox"/> <i>OTHER</i>			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

11:24 10 16 14  
70820 1b GROSS  
0 1b TARE  
70820 1b NET

16/Oct/2014 13:45:33  
GROSS lbs. 70820  
TARE lbs. 40780  
NET lbs. 30040

LOAD WASHOUT INFORMATION		WASHOUT STAMP	
WASHOUT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TYPE: <input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>10/16/14</i>		
DRIVER SIGNATURE <i>[Signature]</i>	DATE <i>10/16/14</i>		
ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy - Resolution</i>		<i>13627 Key</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations

5





Clean Harbors Grassy Mountain LLC  
PO Box 22750  
Salt Lake City UT, 84122  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533087  
Date Received: 10/22/2014

Generator EPA ID: COD030446637

Load #: 14011961  
Manifest #: 007753503FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41247834	8/18/2014	CM	41247834 /	PCB Solids For Landfill	10/22/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Thursday, October 23, 2014

Date

0541819

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007753503 FLE</b>			
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b> Generator's Phone: <b>(970) 266-9889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>					
6. Transporter 1 Company Name <b>ACTION Resources</b>			U.S. EPA ID Number <b>IALR 000007273</b>					
7. Transporter 2 Company Name			U.S. EPA ID Number <b>A</b>					
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b> Facility's Phone: <b>(435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>		<b>1</b>	<b>CM</b>	<b>est 11,340</b>	<b>KG</b>		
	2.							
	3.							
4.								
14. Special Handling Instructions and Additional Information <b>1. CH007325B</b> <b>ERG#171</b> <b>BOX # HP 20202</b> <b>DSD 8-18-2014</b> <b>TTK # 1157 (Action)</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>		Signature <b>Bob Cover</b>				Month Day Year <b>10/21/2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Gordon Pungling</b>		Signature <b>Gordon Pungling</b>				Month Day Year <b>10/21/2014</b>		
Transporter 2 Printed/Typed Name		Signature				Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 20260 lbs (9191kg) per Sarah Lave. per 10/22/14</b>								
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Ellene DeZeem</b>		Signature <b>Ellene DeZeem</b>				Month Day Year <b>10/22/14</b>		

## LOAD SUMMARY RECORD

GM

9:20 10 22 14  
61760 1b GROSS  
0 1b TARE  
61760 1b NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC.</i>		<i>er</i>	<i>er</i>	<i>10/22</i>
DATE			LOAD NO.			
<i>10/22/14</i>			<i>2014011961</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533087</i>			<i>41247834</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1157</i>		<i>CHRT 20202</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> G TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD*

22/Oct/2014

10:35:27

GROSS lbs.

61760

TARE lbs.

41500

NET lbs.

20260

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="radio"/> YES <input type="radio"/> NO	INTERIOR <input type="radio"/> EXTERIOR <input checked="" type="radio"/>			
WASHOUT SIGNATURE		DATE		
<i>[Signature]</i>		<i>10-22-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
1	Weight discrepancy - Resolved		
			<i>9/9/14</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations

*5*





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075

Date Received: 10/20/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011852

Manifest #: 008127087FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41194252	8/18/2014	CM	41194252 /	PCB Solids For Landfill	10/20/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 21, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127087 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
Generator's Phone: <b>(970) 266-8889</b>					
6. Transporter 1 Company Name <b>Action Resources</b>			U.S. EPA ID Number <b>ALR000007233</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Kholts Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>		
Facility's Phone: <b>(435) 884-8900</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	<b>x</b>	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9. PG III</b>	<b>1</b>	<b>CM</b>	<b>est 11,340 KG</b>
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>BOX # HP 20275</b> <b>DSD 8-18-2014</b> <b>TRK # 1157</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name <b>Bob Cover</b>			Signature <i>Bob Cover</i>		Month Day Year <b>10 17 14</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>George Puntley</b>		Signature <i>George Puntley</i>		Month Day Year <b>10 17 14</b>
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	<b>OK to use Gm weights of 29,340 lbs (13309 kg) per Sara Love.</b>				
	Manifest Reference Number: _____				
	18b. Alternate Facility (or Generator) U.S. EPA ID Number				
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
4.		5.		6.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>Ellene DeZeeuw</i>		Month Day Year <b>10 20 14</b>	

## LOAD SUMMARY RECORD

8:17 10 20 14  
72100 lb GROSS  
0 lb TARE  
72100 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>36</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>2C</i>		<i>ee</i>	<i>ee</i>	<i>CD</i>
DATE			LOAD NO.			
<i>10/20/14</i>			<i>2014011852</i>			
GENERATOR			HAULER			
<i>Dow</i>			<i>Action</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41194252</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1157</i>		<i>CHHP 20275</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*20/Oct/2014*      *09:36:31*  
GROSS lbs.      72100  
TARE lbs.      42760  
NET lbs.      29340

LOAD WASHOUT INFORMATION			WASHOUT STAMP
WASHOUT:	TYPE:		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR	<input checked="" type="checkbox"/> EXTERIOR	
WASHOUT SIGNATURE		DATE	
<i>[Signature]</i>		<i>10-20-14</i>	
DRIVER SIGNATURE		DATE	

ITEM	COMMENTS	NAME	DATE
	<i>Weight discrepancy - Resolved</i>		
			<i>13309 Ky</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/23/2014

Generator EPA ID: COD030446637

Load #: 14012041  
Manifest #: 008127088FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41294410	8/18/2014	CM	41294410 /	PCB Solids For Landfill	10/23/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Monday, October 27, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127088 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8899</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors ENV SCS</b>				U.S. EPA ID Number <b>HA00393 22250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>				U.S. EPA ID Number <b>UTD991301748</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	x	<b>1. RD. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG	
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <div style="text-align: right;"><b>Box #CHRT 24413</b> <b>OSD 8-18-2014 TRK #</b></div>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <i>Bob Cover</i>		Month Day Year <b>10 22 2014</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Glenn R Alligood</b>				Signature <i>Glenn R Alligood</i>		Month Day Year <b>10 22 2014</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Gunnells</b>				Signature <i>Keith Gunnells</i>		Month Day Year <b>10 23 14</b>	

## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>AB</i>		<i>W</i>		
DATE			LOAD NO.			
<i>10-23-14</i>			<i>2014012041</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41294410</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1597</i>		<i>CHRT 24413</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <i>G</i> TT FB V OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

12:52 10 23 14  
68980 lb GROSS  
0 lb TARE  
68980 lb NET

*CD*

23/Oct/2014 15:00:36  
GROSS lbs. 68980  
TARE lbs. 42800  
NET lbs. 26180

LOAD WASHOUT INFORMATION				WASHOUT STAMP	
WASHOUT:		TYPE:		<p><b>WASHOUT WAS:</b></p> <p><i>0103 2014</i></p> <p>GRASSY : MAIN FACILITY</p>	
<i>YES</i> NO		INTERIOR EXTERIOR			
WASHOUT SIGNATURE		DATE			
<i>Washout Signature</i>		<i>10-23-14</i>			
DRIVER SIGNATURE		DATE			

ITEM	COMMENTS	NAME	DATE
			<i>010</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

**CERTIFICATE OF DISPOSAL**

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/17/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011763  
Manifest #: 008127089FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41167759	8/18/2014	CM	41167759 /	PCB Solids For Landfill	10/17/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*Shane B. Whitney*

Authorized Agent

Monday, October 20, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030448637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127089 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>				
Generator's Phone: <b>(970) 256-8889</b>							
6. Transporter 1 Company Name <b>Clean Harbors ELV SUCS</b>			U.S. EPA ID Number <b>MAD039322250</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>				
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
	1	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 1,340	KG	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. CH807319B      ERG#171</b> <div style="text-align: right; margin-top: 10px;"><b>BOX # RT 25113</b> <b>ESD 8-18-2014      TRK # 1597</b></div>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <i>Bob Cover</i>		Month   Day   Year <b>10   16   2014</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Glenna R Alligood</b>			Signature <i>Glenna R Alligood</i>		Month   Day   Year <b>10   16   2014</b>	
Transporter 2 Printed/Typed Name			Signature		Month   Day   Year		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	<b>OK to use Grm Weight of 14204 kg per Sarah Hove</b> Manifest Reference Number: <b>8010-17-14</b>						
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____						
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month   Day   Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Stacy Chadwick</b>			Signature <i>Stacy Chadwick</i>		Month   Day   Year <b>10   17   14</b>		

## LOAD SUMMARY RECORD

GM

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>te</i>		<i>K6</i>		
DATE			LOAD NO.			
<i>10/17/14</i>			<i>20140117103</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CHES</i>			
ORDER NO.			DRUM NO.			
<i>140533075</i>			<i>41167759</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1517</i>		<i>CHRT 25113</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE
<i>[Signature]</i>						

7:35 10 17 14  
73740 1b GROSS  
0 1b TARE  
73740 1b NET

11:57 10 17 14  
73740 1b GROSS  
42420 1b TARE  
31320 1b NET  
*14204 kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>			
WASHOUT SIGNATURE		DATE		
<i>[Signature]</i>		<i>10/17-14</i>		
DRIVER SIGNATURE		DATE		

ITEM	COMMENTS	NAME	DATE
	<i>Wt Discrep Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/16/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011723  
Manifest #: 008127090FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41141805	8/18/2014	CM	41141805 /	PCB Solids For Landfill	10/16/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Friday, October 17, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127090 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>							
6. Transporter 1 Company Name <b>Action Resources</b>				U.S. EPA ID Number <b>AIR000007273</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes
			No.	Type			
	1	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. CH807319B      ERG#171      BOX # 257262      ASD 8-18-2014      TRK # 1157</b>							
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <b>Bob Cover</b>		Month Day Year <b>10 15 2014</b>	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	Transporter signature (for exports only): _____						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>George Punnely</b>				Signature <b>George Punnely</b>		Month Day Year <b>10 15 14</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)				Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Gunnells</b>				Signature <b>Keith Gunnells</b>		Month Day Year <b>10 15 14</b>	

## LOAD SUMMARY RECORD

GM

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>28</i>		<i>h6</i>	<i>h6</i>	<i>10/16/14</i>
DATE <i>10-16-14</i>			LOAD NO. <i>2014011723</i>			
GENERATOR <i>Dow</i>			HAULER <i>Action</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>41141805</i>			
TRUCK NO. <i>1157</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>251262</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> TT FB V OTHER				LOAD COUNT (RAIL ONLY): 1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

8:41 10 16 14  
64140 lb GROSS  
0 lb TARE  
64140 lb NET

16/Oct/2014 10:10:21  
GROSS lbs. 64140  
TARE lbs. 41600  
NET lbs. 22540 ✓

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT:	TYPE:	
YES <input checked="" type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>	
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>10/16/14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE
	-9.84%	<i>OK</i>	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/13/2014

Generator EPA ID: COD030446637

Load #: 14011534  
Manifest #: 008127092FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41076694	8/18/2014	CM	41076694 /	PCB Solids For Landfill	10/13/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Tuesday, October 14, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>008127092 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Molins Street Aurora, CO 80010 (970) 256-8889</b>					Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors ENV SURS</b>					U.S. EPA ID Number <b>MAD039322250</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>					U.S. EPA ID Number <b>UTD991301748</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. <b>RO UN3432 POLYCHLORINATED BIPHENYLS SOLID MIXTURE, 9-ROH</b>			1 <b>CM</b>		<b>est 11,340</b>	<b>KG</b>	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>1. CH007319B ERG#171</b> <b>Box # 20982</b> <b>OSD 8-18-2014 TRK 1480</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>					Signature <b>Bob Cover</b>		Month Day Year <b>10/11/14</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>GERARD ELY</b>					Signature <b>Gerard Ely</b>		Month Day Year <b>10/11/14</b>	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gross Weight of 8626 kg per Sarah Carter 10-13-14 Fkg</b>								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4. <b>2014011534</b>		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Keith Gunnells</b>					Signature <b>Keith Gunnells</b>		Month Day Year <b>10/13/14</b>	

**LOAD SUMMARY RECORD**

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC</i>	<i>1</i>	<i>KA</i>		
DATE <i>10-13-14</i>			LOAD NO. <i>2014011534</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>41076694</i>			
TRUCK NO. <i>1480</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP20982</i>				
CONTAINER TYPE: ED <input checked="" type="checkbox"/> G <input type="checkbox"/> TT <input type="checkbox"/> FB <input type="checkbox"/> V <input type="checkbox"/> OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	

11:57 10 13 14  
58160 lb GROSS  
0 lb TARE  
58160 lb NET

*CD*

13/Oct/2014 14:06:19  
GROSS lbs. 58160  
TARE lbs. 39140  
NET lbs. 19020

*8626kg*

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR			
WASHOUT SIGNATURE <i>[Signature]</i>		DATE <i>10-13-14</i>		
DRIVER SIGNATURE <i>[Signature]</i>		DATE <i>10/13/14</i>		

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Sales Order#: 1401533075  
Date Received: 10/7/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011253  
Manifest #: 007020536FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40972972	8/18/2014	CM	40972972 /	PCB Solids For Landfill	10/7/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, October 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>000030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020536</b> <b>FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>			U.S. EPA ID Number <b>MA00393222SD</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900</b>			U.S. EPA ID Number <b>UTD991301748</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
	1. <b>RO UN3432 POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	est 11,340	KG	
	2.					
	3.					
4.						
14. Special Handling Instructions and Additional Information <b>1. CH807319B</b> <b>ERG#171</b> <b>Box # CHRT 26368</b> <b>OSD 8-18-2014</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Bob Corcoran</b>			Signature <i>[Signature]</i>		Month Day Year <b>10 6 14</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Michael P. Harte</b>			Signature <i>[Signature]</i>		Month Day Year <b>10 6 14</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____ U.S. EPA ID Number: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Elene Nezerova</b>			Signature <i>[Signature]</i>		Month Day Year <b>10 07 14</b>	

## LOAD SUMMARY RECORD

GM

7:52 10 07 14  
72940 lb GROSS  
0 lb TARE  
72940 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>Bk</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>ZC</i>		<i>KG</i>		<i>CD</i>
DATE			LOAD NO.			
<i>10/7/14</i>			<i>2014011253</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>40972972</i>			
TRUCK NO.	CONTAINER NO. (s)/ RAILCAR NO.					
<i>1599</i>	<i>CHRT 26368</i>					
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

07/Oct/2014 10:10:33  
GROSS lbs. 72940  
TARE lbs. 42060  
NET lbs. 30880  
*14006 kg*

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TYPE: <input type="checkbox"/> INTERIOR <input checked="" type="checkbox"/> EXTERIOR	<b>WHEEL WASH</b>  OCT 7 2014  GRASSY MOUNTAIN FACILITY
WASHOUT SIGNATURE	DATE	
DRIVER SIGNATURE	DATE	
	<i>10-7-14</i>	
	<i>7 Oct 2014</i>	

ITEM	COMMENTS	NAME	DATE
	<i>Weight Discrepancy Resolved</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/23/2014

Generator EPA ID: COD030446637

Load #: 14012012  
Manifest #: 008127094FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41273386	8/18/2014	CM	41273386 /	PCB Solids For Landfill	10/23/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 27, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number C O D 0 3 0 4 4 6 6 3 7	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 008127094 FLE	
5. Generator's Name and Mailing Address Dow Chemical Company 3555 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889			Generator's Site Address (if different than mailing address) SAME			
6. Transporter 1 Company Name Clean Harbors Env SUCS			U.S. EPA ID Number MA039322250			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900			U.S. EPA ID Number UTD991301748			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
x	1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III	1 CM		11,340	KG	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. CH007319B ERG#171 OSD 8-18-2014 EXPORT 26521 TRK # 1599						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name Bob Cover			Signature Bob Cover		Month Day Year 10 22 2014	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name MICHAEL P MATCJKA Signature MICHAEL P MATCJKA Month Day Year 10 22 2014 Transporter 2 Printed/Typed Name Signature Month Day Year						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a. Printed/Typed Name Ellene DeZeeuw Signature Ellene DeZeeuw Month Day Year 10 23 14						

## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>22</i>		<i>300</i>		
DATE			LOAD NO.			
<i>10/23/14</i>			<i>2014012012</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41273386</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1599</i>		<i>CHRT 26527</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="radio"/> G <input type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

10:02 10 23 14  
 66980 lb GROSS  
 0 lb TARE  
 66980 lb NET

23/Oct/2014 11:53:26

GROSS lbs. 66980  
 TARE lbs. 42140  
 NET lbs. 24840

LOAD WASHOUT INFORMATION				WASHOUT STAMP	
WASHOUT:		TYPE:		<b>WHEEL WASH</b>  <b>OCT 23 2014</b>  <b>GRASSY MOUNTAIN FACILITY</b>	
YES NO		INTERIOR EXTERIOR			
<i>YES</i>		<i>INTERIOR</i>			
WASHOUT SIGNATURE		DATE			
<i>[Signature]</i>		<i>10-23-14</i>			
DRIVER SIGNATURE		DATE			
<i>[Signature]</i>		<i>23 Oct 2014</i>			

ITEM	COMMENTS	NAME	DATE
			<i>OP</i>

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/21/2014

Generator EPA ID: COD030446637

Load #: 14011892  
Manifest #: 008127096FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41222354	8/18/2014	CM	41222354 /	PCB Solids For Landfill	10/21/2014	Landfill	Grassy Mountain, UT Facility

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Authorized Agent

Wednesday, October 22, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>		4. Manifest Tracking Number <b>008127096 FLE</b>	
		5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>		Generator's Site Address (if different than mailing address) <b>SAME</b>				
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>		U.S. EPA ID Number <b>MTD 039322250</b>						
7. Transporter 2 Company Name		U.S. EPA ID Number						
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>		U.S. EPA ID Number <b>UTD991301748</b>						
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes
<b>x</b>		1. <b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>		<b>1 CM</b>		<b>est 11,340</b>	<b>KG</b>	
14. Special Handling Instructions and Additional Information <b>1. CH807319B      ERG#171      BOX 20224      OSD 8-18-2014      TRK #1597</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>		Signature <i>Bob Cover</i>		Month <b>10</b>		Day <b>10</b>		Year <b>2014</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials		Transporter 1 Printed/Typed Name <b>Glenn R Alligood</b>		Signature <i>Glenn R Alligood</i>		Month <b>10</b>		Day <b>20</b>
		Transporter 2 Printed/Typed Name		Signature		Month		Day
18. Discrepancy		18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		Manifest Reference Number:				
18b. Alternate Facility (or Generator)		Facility's Phone:		U.S. EPA ID Number				
18c. Signature of Alternate Facility (or Generator)						Month		Day
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)		1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		Printed/Typed Name <b>Ellene DeZeeuw</b>		Signature <i>Ellene DeZeeuw</i>		Month <b>10</b>		Day <b>21</b>
						Year <b>2014</b>		

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

**LOAD SUMMARY RECORD**

7:18 10 21 14  
62580 lb GROSS  
0 lb TARE  
62580 lb NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>86</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE <i>86</i>	REVIEWED	WEIGHTS <i>W</i>	GRIDS	MANIFEST MAILED <i>CD</i>
DATE <i>10/21/14</i>			LOAD NO. <i>2014011892</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>41222354</i>			
TRUCK NO. <i>1597</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHRT 20224</i>				
CONTAINER TYPE: ED <input checked="" type="radio"/> TT FB V OTHER				LOAD COUNT (RAIL ONLY): 1 2 3 4		
OPERATOR SIGNATURE				COUNT <i>1</i>	DATE	

21/Oct/2014 09:20:10  
GROSS lbs. 62580  
TARE lbs. 39880  
NET lbs. 22700

LOAD WASHOUT INFORMATION		WASHOUT STAMP
WASHOUT: <i>YES</i> NO	TYPE: INTERIOR <i>EX</i> EXTERIOR	<b>WHEEL WASH</b>  OCT 21 2014  GRASS MOUNTAIN FACILITY
WASHOUT SIGNATURE <i>[Signature]</i>	DATE <i>10-21-14</i>	
DRIVER SIGNATURE	DATE	

ITEM	COMMENTS	NAME	DATE

Clean Harbors Grassy Mountain Facility, Tooele County, Utah





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/10/2014

Generator EPA ID: COD030446637

Load #: 14011476  
Manifest #: 008127097FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41053603	8/18/2014	CM	41053603 /	PCB Solids For Landfill	10/10/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 13, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127097 FLE</b>
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>		
Generator's Phone: <b>(970) 266-9899</b>					
6. Transporter 1 Company Name <b>Clean Harbors ENV SVCS</b>			U.S. EPA ID Number <b>MA0039322250</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>		
Facility's Phone: <b>(435) 884-8900</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit WL/Vol.
	x	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	11,340 KG
		2.			
		3.			
		4.			
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>OSD 8-18-2014</b> <b>BOX # 21151</b> <b>TRK # 88082</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>			Signature <i>[Signature]</i>		Month Day Year <b>10 9 2014</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		
	Transporter signature (for exports only):				
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>Edgar Ortega</b>		Signature <i>[Signature]</i>		Month Day Year <b>10 09 14</b>
Transporter 2 Printed/Typed Name		Signature <i>[Signature]</i>		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use Gm weights of 19,260 lbs (8738 kg) per Sarah Lave.</b> <b>OSD 10/13/14</b>				
	18b. Alternate Facility (or Generator)		Manifest Reference Number: U.S. EPA ID Number		
	Facility's Phone:				
	18c. Signature of Alternate Facility (or Generator)				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
4.		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>Karl Grunwald</b>			
Signature <i>[Signature]</i>		Month Day Year <b>10 10 14</b>			

## LOAD SUMMARY RECORD

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>10</i>		<i>50</i>	<i>50</i>	<i>10/10</i>
DATE <i>10-10-14</i>			LOAD NO. <i>2014011476</i>			
GENERATOR <i>DOW</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>410536003</i>			
TRUCK NO. <i>88082</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP21151</i>				
CONTAINER TYPE: ED <input checked="" type="checkbox"/> G <input type="checkbox"/> TJ <input type="checkbox"/> FB <input type="checkbox"/> V <input type="checkbox"/> OTHER			LOAD COUNT (RAIL ONLY): 1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	
LOAD WASHOUT INFORMATION				WASHOUT STAMP		
WASHOUT:		TYPE:				
<i>YES</i> NO		INTERIOR EXTERIOR				
WASHOUT SIGNATURE		DATE <i>10-10-14</i>				
DRIVER SIGNATURE		DATE				
ITEM	COMMENTS				NAME	DATE
	<i>W+ discrepancy - Resolved</i>					

12:57 10 10 14  
58580 lb GROSS  
0 lb TARE  
58580 lb NET

10/01/2014

14:33:40

GROSS lbs.

58580

TARE lbs.

39320

NET lbs.

19260

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company

Sales Order#: 1401533075

Generator Address: 3555 Moline Street  
Aurora, CO, 80010

Date Received: 10/14/2014

Generator Contact Name:

Generator EPA ID: COD030446637

Load #: 14011581

Manifest #: 008127098FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41093256	8/18/2014	CM	41093256 /	PCB Solids For Landfill	10/14/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Wednesday, October 15, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127098 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010 (970) 256-8889</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
6. Transporter 1 Company Name <b>Clean Harbors ENV SLCs</b>				U.S. EPA ID Number <b>MAAD 039322250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900</b>				U.S. EPA ID Number <b>UTD991301748</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
			No.	Type			
	1	<b>RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	235	11340 KG	
	2.						
	3.						
4.							
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b> <b>Box # 20218 CRT</b> <b>OSD 8-18-2014 TRKM 2012</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/13/2014</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Victor R. Perez</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/13/14</b>
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>F. Keith Sunnells</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/14/14</b>	

## LOAD SUMMARY RECORD

7:39 10 14 14  
64060 1b GROSS  
0 1b TARE  
64060 1b NET

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>88</i>		<i>2107/16</i>	<i>10/14</i>	<i>CD</i>
DATE			LOAD NO.			
<i>10/14/14</i>			<i>2014011581</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CH</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>41093256</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>2012</i>		<i>CHRT 20218</i>				
CONTAINER TYPE:			LOAD COUNT (RAIL ONLY):			
ED <input checked="" type="radio"/> TT <input type="radio"/> FB <input type="radio"/> V <input type="radio"/> OTHER			1 2 3 4			
OPERATOR SIGNATURE			COUNT		DATE	
			<i>X</i>			

14/Oct/2014 09:54:24  
GROSS lbs. 64060  
TARE lbs. 40080  
NET lbs. 23980 ✓

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>			
WASHOUT SIGNATURE	DATE			
<i>[Signature]</i>	<i>10-14-14</i>			
DRIVER SIGNATURE	DATE			
<i>[Signature]</i>	<i>10/14-14</i>			

ITEM	COMMENTS	NAME	DATE
	<i>OK</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 10/10/2014

Generator EPA ID: COD030446637

Load #: 14011475  
Manifest #: 008127099FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41053318	8/18/2014	CM	41053318 /	PCB Solids For Landfill	10/10/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, October 13, 2014

Date

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD03044663Z</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>008127099 FLE</b>		
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>				Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 266-8889</b>							
6. Transporter 1 Company Name <b>Clean Harbors Env Svcs</b>				U.S. EPA ID Number <b>MAD039322250</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>				U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<b>X</b>	<b>1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	<b>1</b>	<b>CM</b>	<b>254</b> <b>11,340</b>	<b>KG</b>	
		<b>2.</b>					
		<b>3.</b>					
		<b>4.</b>					
14. Special Handling Instructions and Additional Information <b>1. CH807319B</b> <b>ERG#171</b> <b>Box # 21137</b> <b>OSD 8-18-2014</b> <b>TRK # 2012</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Bob Cover</b>				Signature <b>Bob Cover</b>		Month Day Year <b>10 9 2014</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Victor Perez</b>		Signature <b>Victor Perez</b>		Month Day Year <b>10 9 14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>OK to use GIM weights of 19,560 lbs (8870 kg) per Sarah Cave.</b> <b>10/13/14</b>						
	(8b. Alternate Facility (or Generator))				Manifest Reference Number		
					U.S. EPA ID Number		
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)							Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Keith Gunnells</b>		Signature <b>Keith Gunnells</b>		Month Day Year <b>10 10 14</b>			

**LOAD SUMMARY RECORD**

GM

12:54 10/10/14  
60780 lb GROSS  
87 lb TARE  
60780 lb NET

LOAD DISPOSAL DESTINATION			
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION

LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST-MAILED
		<i>78</i>		<i>82</i>	<i>82</i>	<i>10/10</i>
DATE <i>10-10-14</i>			LOAD NO. <i>20141011475</i>			
GENERATOR <i>Dow</i>			HAULER <i>CH</i>			
ORDER NO. <i>1401533075</i>			DRUM NO. <i>41053318</i>			
TRUCK NO. <i>2012</i>		CONTAINER NO. (s)/ RAILCAR NO. <i>CHHP21137</i>				
CONTAINER TYPE: ED <input checked="" type="checkbox"/> TT <input type="checkbox"/> FB <input type="checkbox"/> V <input type="checkbox"/> OTHER				LOAD COUNT (RAIL ONLY): 1 2 3 4		
OPERATOR SIGNATURE				COUNT		DATE

*CD* 10 Oct/2014 14:29:35  
GROSS lbs. 60780  
TARE lbs. 41220  
NET lbs. 19560

LOAD WASHOUT INFORMATION			WASHOUT STAMP	
WASHOUT:	TYPE:			
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INTERIOR <input type="checkbox"/> EXTERIOR <input checked="" type="checkbox"/>			
WASHOUT SIGNATURE <i>[Signature]</i>		DATE <i>10-10-14</i>		
DRIVER SIGNATURE <i>[Signature]</i>		DATE <i>10-10-14</i>		

ITEM	COMMENTS	NAME	DATE
	WT Discrepancy - Resolved	<i>8870 KA</i>	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations





Clean Harbors Grassy Mountain LLC  
3 Miles East 7 Miles North of Knolls  
Grantsville UT, 84029  
UTD991301748  
(435) 884-8900

### CERTIFICATE OF DISPOSAL

Generator Facility Name: Dow Chemical Company  
Generator Address: 3555 Moline Street  
Aurora, CO, 80010  
Generator Contact Name:

Sales Order#: 1401533075  
Date Received: 9/5/2014

Generator EPA ID: COD030446637

Load #: 14010082  
Manifest #: 1401533075

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
40402242	8/18/2014	CM	40402242 /	PCB Solids For Landfill	9/5/2014	Landfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Authorized Agent

Monday, September 08, 2014

Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>COD030446637</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>007020549 FLE</b>	
5. Generator's Name and Mailing Address <b>Dow Chemical Company 3555 Moline Street Aurora, CO 80010</b>			Generator's Site Address (if different than mailing address) <b>SAME</b>			
Generator's Phone: <b>(970) 256-8889</b>						
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services</b>			U.S. EPA ID Number <b>MAD0239322250</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029</b>			U.S. EPA ID Number <b>UTD991301748</b>			
Facility's Phone: <b>(435) 884-8900</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.
			No.	Type		
	x	1. <b>RO UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III</b>	1	CM	11,340 (+5)	YK
		2.				
		3.				
		4.				
13. Waste Codes						
14. Special Handling Instructions and Additional Information <b>1. CH807319B ERG#171</b>  <b>OSD: 8-18-14</b> <b>251377</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <b>Bob Cover</b>			Signature <b>"ON BEHALF OF"</b> <b>Bob Cover</b>		Month Day Year <b>10/04/14</b>	
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____			
	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <b>Jesus Cabrera</b>		Signature <b>[Signature]</b>		Month Day Year <b>10/4/14</b>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	<b>OK TO USE Gm Weig n+08 8036KG per Michael Willes 1-54KG</b>					
	Manifest Reference Number: _____					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Stacy L. Hadwick</b>		Signature <b>Stacy L. Hadwick</b>		Month Day Year <b>10/5/14</b>		

**LOAD SUMMARY RECORD**

GIM

LOAD DISPOSAL DESTINATION						
<input type="checkbox"/> STABILIZATION	<input type="checkbox"/> RCRA CELL	<input checked="" type="checkbox"/> TSCA CELL <i>B6</i>	<input type="checkbox"/> SPOT STABILIZATION			
LOAD TRACKING INFORMATION						
PLANT RECEIVED	DROPPED	FINAL CODE	REVIEWED	WEIGHTS	GRIDS	MANIFEST MAILED
		<i>10</i>		<i>26</i>	<i>16</i>	<i>4-5</i>
DATE			LOAD NO.			
<i>9-5-14</i>			<i>2014010082</i>			
GENERATOR			HAULER			
<i>DOW</i>			<i>CHES</i>			
ORDER NO.			DRUM NO.			
<i>1401533075</i>			<i>40402242</i>			
TRUCK NO.		CONTAINER NO. (s)/ RAILCAR NO.				
<i>1203</i>		<i>251377</i>				
CONTAINER TYPE:				LOAD COUNT (RAIL ONLY):		
ED <input checked="" type="checkbox"/> IT <input type="checkbox"/> FB <input type="checkbox"/> V <input type="checkbox"/> OTHER				1 2 3 4		
OPERATOR SIGNATURE				COUNT	DATE	

11:50 09 05 14  
59200 lb GROSS  
0 lb TARE  
59200 lb NET

*CD*

05/Sep/2014 13:57:34  
GROSS lbs. 59200  
TARE lbs. 41480  
NET lbs. 17720 ✓

LOAD WASHOUT INFORMATION		WASHOUT STAMP	
WASHOUT:	TYPE:		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> INTERIOR <input type="checkbox"/> EXTERIOR		
WASHOUT SIGNATURE	DATE		
<i>[Signature]</i>	<i>9-5-14</i>		
DRIVER SIGNATURE	DATE		

ITEM	COMMENTS	NAME	DATE
	<i>1 Weight Discrepancy</i>	<i>8036 kg</i>	
	<i>Email Sent R. Solice</i>		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

*3*

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations







**Nathan Grueter**  
Inside Sales Representative

October 3, 2014

Mr. Timothy A. Moore  
CTI & Associates, Inc.  
51331 West Pontiac Trail  
Wixom, MI 48393

Dear Tim:

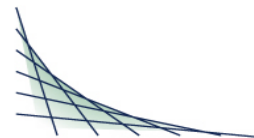
Please accept this letter as evidence of availability for the Class 6 Road Base from Specification Aggregates Quarry which is located at 19301 West Colfax Avenue in Golden, CO 80401.

CTI, URS, and their representatives have right of access to said properties during our normal hours of operation within the contract dates. However, we do ask that a representative from Martin Marietta accompany all visitors when accessing quarry premises. Please contact me at 720-245-6404 to schedule a time to meet at the quarry to view and/or sample materials.

Sincerely,

A handwritten signature in black ink, appearing to read "Nathan J. Grueter", with a stylized flourish at the end.

Nate Grueter  
Inside Sales Representative  
Rocky Mountain Division



## ***ANALYTICAL REPORT***

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

*This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.*





## ANALYTICAL REPORT

CTI & ASSOCIATES  
 TIM MOORE  
 51331 PONTIAC TRAIL  
 WIXOM, MI 48393

Project Name: MOLINE STREET  
 Project Phase:  
 Contract #: 2676  
 Project #: 2146090001  
 Folder #: 107209  
 Purchase Order #:

Page 1 of 18  
 Arrival Temperature: 4.8  
 Report Date: 10/8/2014  
 Date Received: 10/2/2014  
 Reprint Date: 10/8/2014

CT LAB Sample#: 504333    Sample Description: MOLINE-10-01-14-MM-S1	Sampled: 10/1/2014 1230
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
<b>Inorganic Results</b>										
Solids, Percent	88.5	%	0.1	0.1	1			10/3/2014 11:00	BMS	EPA 8000C
<b>Metals Results</b>										
Arsenic	1.6	mg/kg	0.20	0.72	1	B	10/3/2014 08:00	10/3/2014 13:41	MDS	EPA 6010C
Barium	74.2	mg/kg	0.026	0.092	1		10/3/2014 08:00	10/3/2014 13:41	MDS	EPA 6010C
Cadmium	0.44	mg/kg	0.012	0.042	1		10/3/2014 08:00	10/3/2014 13:41	MDS	EPA 6010C
Chromium	28.1	mg/kg	0.046	0.14	1		10/3/2014 08:00	10/3/2014 13:41	MDS	EPA 6010C
Lead	1.8	mg/kg	0.17	0.57	1		10/3/2014 08:00	10/3/2014 13:41	MDS	EPA 6010C
Selenium	<0.33	mg/kg	0.33	1.1	1		10/3/2014 08:00	10/3/2014 13:41	MDS	EPA 6010C
Silver	<0.079	mg/kg	0.079	0.26	1		10/3/2014 08:00	10/3/2014 13:41	MDS	EPA 6010C
Mercury	0.023	mg/kg	0.0019	0.0061	1		10/6/2014 12:00	10/7/2014 12:51	LJF	EPA 7471B
<b>Organic Results</b>										
1,2,4,5-Tetrachlorobenzene	<0.028	mg/kg	0.028	0.090	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
1,2,4-Trichlorobenzene	<0.026	mg/kg	0.026	0.082	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
1,2-Dichlorobenzene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.023	mg/kg	0.022	0.073	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
1,4-Dichlorobenzene	<0.023	mg/kg	0.022	0.072	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4,5-Trichlorophenol	<0.032	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4,6-Trichlorophenol	<0.030	mg/kg	0.029	0.092	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dichlorophenol	<0.031	mg/kg	0.030	0.097	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dimethylphenol	<0.027	mg/kg	0.027	0.085	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dinitrophenol	<0.11	mg/kg	0.11	0.37	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dinitrotoluene	<0.025	mg/kg	0.025	0.081	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,6-Dichlorophenol	<0.026	mg/kg	0.026	0.082	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,6-Dinitrotoluene	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Chloronaphthalene	<0.018	mg/kg	0.018	0.057	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Chlorophenol	<0.031	mg/kg	0.030	0.096	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Methylnaphthalene	<0.045	mg/kg	0.045	0.15	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Methylphenol	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Nitroaniline	<0.023	mg/kg	0.022	0.070	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Nitrophenol	<0.026	mg/kg	0.026	0.082	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
3 & 4-Methylphenol	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
3,3'-Dichlorobenzidine	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
3-Nitroaniline	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
4,6-Dinitro-2-methylphenol	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
4-Bromophenyl-phenyl ether	<0.020	mg/kg	0.017	0.064	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
4-Chloro-3-methylphenol	<0.031	mg/kg	0.030	0.098	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
4-Chloroaniline	<0.011	mg/kg	0.011	0.036	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
4-Chlorophenyl-phenyl ether	<0.026	mg/kg	0.026	0.083	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
4-Nitroaniline	<0.034	mg/kg	0.034	0.12	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Nitrophenol	<0.11	mg/kg	0.11	0.36	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Acenaphthene	<0.026	mg/kg	0.026	0.083	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Acenaphthylene	<0.027	mg/kg	0.027	0.087	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Acetophenone	<0.030	mg/kg	0.029	0.092	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Aniline	<0.012	mg/kg	0.012	0.038	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Anthracene	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Azobenzene & 1,2-Diphenylhydra	<0.057	mg/kg	0.056	0.19	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Benzidine	<0.45	mg/kg	0.45	1.3	1	M,Y	10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Benzo(a)anthracene	<0.025	mg/kg	0.025	0.079	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Benzo(a)pyrene	<0.023	mg/kg	0.022	0.072	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Benzo(b)fluoranthene	<0.016	mg/kg	0.016	0.051	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Benzo(g,h,i)perylene	<0.033	mg/kg	0.033	0.10	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Benzo(k)fluoranthene	<0.019	mg/kg	0.019	0.060	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Benzyl alcohol	<0.022	mg/kg	0.021	0.070	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Bis(2-chloroethoxy)methane	<0.024	mg/kg	0.024	0.075	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Bis(2-chloroethyl)ether	<0.018	mg/kg	0.018	0.056	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Bis(2-chloroisopropyl)ether	<0.028	mg/kg	0.028	0.088	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Bis(2-ethylhexyl)phthalate	<b>0.051</b>	mg/kg	0.021 *	0.070	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Butylbenzylphthalate	<0.019	mg/kg	0.019	0.061	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Carbazole	<0.031	mg/kg	0.030	0.096	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Chrysene	<0.027	mg/kg	0.027	0.087	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Di-n-butylphthalate	<0.024	mg/kg	0.024	0.074	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Di-n-octylphthalate	<0.022	mg/kg	0.021	0.069	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Dibenzo(a,h)anthracene	<0.025	mg/kg	0.025	0.079	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Dibenzofuran	<0.023	mg/kg	0.022	0.071	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diethylphthalate	<0.023	mg/kg	0.022	0.071	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Dimethylphthalate	<0.026	mg/kg	0.026	0.083	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Fluoranthene	<0.024	mg/kg	0.024	0.074	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Fluorene	<0.025	mg/kg	0.025	0.080	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Hexachlorobenzene	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Hexachlorobutadiene	<0.032	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Hexachlorocyclopentadiene	<0.017	mg/kg	0.017	0.052	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Hexachloroethane	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Hexachloropropene	<0.027	mg/kg	0.027	0.087	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Indeno(1,2,3-cd)pyrene	<0.027	mg/kg	0.027	0.084	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Isophorone	<0.030	mg/kg	0.029	0.093	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
N-Nitroso-di-n-propylamine	<0.030	mg/kg	0.029	0.094	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
N-Nitrosodimethylamine	<0.031	mg/kg	0.030	0.098	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
N-Nitrosodiphenylamine & Diphn	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
N-Nitrosopyrrolidine	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Naphthalene	<0.020	mg/kg	0.020	0.063	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Nitrobenzene	<0.045	mg/kg	0.045	0.12	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Pentachlorophenol	<0.024	mg/kg	0.024	0.074	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Phenanthrene	<0.018	mg/kg	0.018	0.055	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Phenol	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Pyrene	<0.020	mg/kg	0.020	0.065	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Pyridine	<0.019	mg/kg	0.019	0.060	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D

Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.

1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
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Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.										
1,1,1-Trichloroethane	<0.012	mg/kg	0.012	0.043	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,1-Dichloroethane	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,1-Dichloroethene	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,1-Dichloropropene	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.019	0.062	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2-Dibromoethane	<0.019	mg/kg	0.019	0.062	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2-Dichloroethane	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,2-Dichloropropane	<0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.019	mg/kg	0.019	0.062	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.012	mg/kg	0.012	0.043	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,3-Dichloropropane	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
2,2-Dichloropropane	<0.016	mg/kg	0.016	0.051	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
2-Butanone	<0.16	mg/kg	0.16	0.52	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
2-Chlorotoluene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
2-Hexanone	<0.18	mg/kg	0.18	0.60	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.										
4-Chlorotoluene	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.17	mg/kg	0.17	0.58	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Acetone	<0.16	mg/kg	0.16	0.52	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Benzene	<0.0090	mg/kg	0.0090	0.032	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Bromobenzene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Bromochloromethane	<0.023	mg/kg	0.023	0.073	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Bromodichloromethane	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Bromoform	<0.016	mg/kg	0.016	0.051	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Bromomethane	<0.056	mg/kg	0.056	0.19	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Carbon disulfide	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Carbon tetrachloride	<0.016	mg/kg	0.016	0.052	1	Y	10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Chlorobenzene	<0.020	mg/kg	0.020	0.068	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Chloroethane	<0.056	mg/kg	0.056	0.17	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Chloroform	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Chloromethane	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	mg/kg	0.014	0.045	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Dibromochloromethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Dibromomethane	<0.014	mg/kg	0.014	0.044	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Dichlorodifluoromethane	<0.014	mg/kg	0.014	0.045	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Diisopropyl ether	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Ethylbenzene	<0.0079	mg/kg	0.0079	0.025	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Hexachlorobutadiene	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.										
Isopropylbenzene	<0.020	mg/kg	0.020	0.069	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
m & p-Xylene	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Methyl tert-butyl ether	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Methylene chloride	<b>0.030</b>	mg/kg	0.025 *	0.084	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
n-Butylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
n-Propylbenzene	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Naphthalene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
o-Xylene	<0.0090	mg/kg	0.0090	0.031	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
p-Isopropyltoluene	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
sec-Butylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Styrene	<0.021	mg/kg	0.021	0.071	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
tert-Butylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Tetrachloroethene	<0.012	mg/kg	0.012	0.041	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Tetrahydrofuran	<0.12	mg/kg	0.12	0.42	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Toluene	<0.012	mg/kg	0.012	0.042	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Trichloroethene	<0.012	mg/kg	0.012	0.042	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Trichlorofluoromethane	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Vinyl acetate	<0.18	mg/kg	0.18	0.59	1	Z,M	10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Vinyl chloride	<0.014	mg/kg	0.014	0.046	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
4,4'-DDD	<0.0012	mg/kg	0.0012	0.0043	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
4,4'-DDE	<0.0012	mg/kg	0.0012	0.0041	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4,4'-DDT	<0.0011	mg/kg	0.0011	0.0037	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Aldrin	<0.00090	mg/kg	0.00090	0.0029	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
alpha-BHC	<0.00045	mg/kg	0.00045	0.0017	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
alpha-Chlordane	<0.00057	mg/kg	0.00057	0.0020	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
beta-BHC	<0.00090	mg/kg	0.00090	0.0029	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Chlordane (Technical)	<0.0057	mg/kg	0.0057	0.020	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
delta-BHC	<0.00079	mg/kg	0.00079	0.0026	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Dieldrin	<0.00068	mg/kg	0.00068	0.0024	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Endosulfan I	<0.00068	mg/kg	0.00068	0.0024	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Endosulfan II	<0.00068	mg/kg	0.00068	0.0021	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Endosulfan sulfate	<0.0015	mg/kg	0.0015	0.0050	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Endrin	<b>0.0010</b>	mg/kg	0.00068 *	0.0024	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Endrin aldehyde	<0.0012	mg/kg	0.0012	0.0040	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Endrin ketone	<b>0.0034</b>	mg/kg	0.0017 *	0.0055	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
gamma-Chlordane	<0.00057	mg/kg	0.00057	0.0017	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Heptachlor	<0.0021	mg/kg	0.0021	0.0071	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Heptachlor epoxide	<b>0.0024</b>	mg/kg	0.00090 *	0.0031	1	P	10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Lindane	<0.00057	mg/kg	0.00057	0.0018	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Methoxychlor	<0.0011	mg/kg	0.0011	0.0038	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Toxaphene	<0.010	mg/kg	0.010	0.035	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
Aroclor-1016	<0.011	mg/kg	0.011	0.038	1		10/2/2014 13:30	10/6/2014 11:46	JJY	EPA 8082A
Aroclor-1221	<0.012	mg/kg	0.012	0.040	1		10/2/2014 13:30	10/6/2014 11:46	JJY	EPA 8082A
Aroclor-1232	<0.0090	mg/kg	0.0090	0.031	1		10/2/2014 13:30	10/6/2014 11:46	JJY	EPA 8082A
Aroclor-1242	<0.0045	mg/kg	0.0045	0.016	1		10/2/2014 13:30	10/6/2014 11:46	JJY	EPA 8082A
Aroclor-1248	<0.0034	mg/kg	0.0034	0.010	1		10/2/2014 13:30	10/6/2014 11:46	JJY	EPA 8082A

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Aroclor-1254	<0.0057	mg/kg	0.0057	0.019	1		10/2/2014 13:30	10/6/2014 11:46	JJY	EPA 8082A
Aroclor-1260	<0.012	mg/kg	0.012	0.040	1		10/2/2014 13:30	10/6/2014 11:46	JJY	EPA 8082A

#### Sub Lab Results

Herbicides	<b>ATTACHED</b>		N/A	N/A	1			10/8/2014 15:30	PML	SW8151
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CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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#### Inorganic Results

Solids, Percent	<b>87.1</b>	%	0.1	0.1	1			10/3/2014 11:00	BMS	EPA 8000C
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#### Metals Results

Arsenic	<b>1.6</b>	mg/kg	0.20	0.74	1	B	10/3/2014 08:00	10/3/2014 14:02	MDS	EPA 6010C
Barium	<b>106</b>	mg/kg	0.027	0.095	1		10/3/2014 08:00	10/3/2014 14:02	MDS	EPA 6010C
Cadmium	<b>0.45</b>	mg/kg	0.013	0.043	1		10/3/2014 08:00	10/3/2014 14:02	MDS	EPA 6010C
Chromium	<b>21.1</b>	mg/kg	0.047	0.15	1		10/3/2014 08:00	10/3/2014 14:02	MDS	EPA 6010C
Lead	<b>1.7</b>	mg/kg	0.18	0.59	1		10/3/2014 08:00	10/3/2014 14:02	MDS	EPA 6010C
Selenium	<0.34	mg/kg	0.34	1.1	1		10/3/2014 08:00	10/3/2014 14:02	MDS	EPA 6010C
Silver	<0.081	mg/kg	0.081	0.26	1		10/3/2014 08:00	10/3/2014 14:02	MDS	EPA 6010C
Mercury	<b>0.0073</b>	mg/kg	0.0019	0.0063	1		10/6/2014 12:00	10/7/2014 12:52	LJF	EPA 7471B

#### Organic Results

1,2,4,5-Tetrachlorobenzene	<0.029	mg/kg	0.029	0.092	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
1,2,4-Trichlorobenzene	<0.026	mg/kg	0.026	0.084	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
1,2-Dichlorobenzene	<0.029	mg/kg	0.029	0.091	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.023	mg/kg	0.023	0.075	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
1,4-Dichlorobenzene	<0.023	mg/kg	0.023	0.074	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,4,5-Trichlorophenol	<0.032	mg/kg	0.032	0.10	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,4,6-Trichlorophenol	<0.030	mg/kg	0.030	0.094	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,4-Dichlorophenol	<0.031	mg/kg	0.031	0.099	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,4-Dimethylphenol	<0.028	mg/kg	0.028	0.087	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,4-Dinitrophenol	<0.12	mg/kg	0.12	0.38	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,4-Dinitrotoluene	<0.025	mg/kg	0.025	0.083	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,6-Dichlorophenol	<0.026	mg/kg	0.026	0.084	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2,6-Dinitrotoluene	<0.036	mg/kg	0.036	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2-Chloronaphthalene	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2-Chlorophenol	<0.031	mg/kg	0.031	0.098	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2-Methylnaphthalene	<0.046	mg/kg	0.046	0.15	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2-Methylphenol	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2-Nitroaniline	<0.023	mg/kg	0.023	0.071	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
2-Nitrophenol	<0.026	mg/kg	0.026	0.084	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
3 & 4-Methylphenol	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
3,3'-Dichlorobenzidine	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
3-Nitroaniline	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
4,6-Dinitro-2-methylphenol	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
4-Bromophenyl-phenyl ether	<0.021	mg/kg	0.017	0.066	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
4-Chloro-3-methylphenol	<0.031	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
4-Chloroaniline	<0.012	mg/kg	0.012	0.037	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
4-Chlorophenyl-phenyl ether	<0.026	mg/kg	0.026	0.085	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
4-Nitroaniline	<0.035	mg/kg	0.035	0.13	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Nitrophenol	<0.12	mg/kg	0.12	0.37	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Acenaphthene	<0.026	mg/kg	0.026	0.085	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Acenaphthylene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Acetophenone	<0.030	mg/kg	0.030	0.094	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Aniline	<0.013	mg/kg	0.013	0.039	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Anthracene	<0.024	mg/kg	0.024	0.078	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Azobenzene & 1,2-Diphenylhydra	<0.058	mg/kg	0.058	0.20	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Benzidine	<0.46	mg/kg	0.46	1.4	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Benzo(a)anthracene	<0.025	mg/kg	0.025	0.081	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Benzo(a)pyrene	<0.023	mg/kg	0.023	0.074	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Benzo(b)fluoranthene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Benzo(g,h,i)perylene	<0.033	mg/kg	0.033	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Benzo(k)fluoranthene	<0.020	mg/kg	0.020	0.061	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Benzyl alcohol	<0.022	mg/kg	0.022	0.071	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Bis(2-chloroethoxy)methane	<0.024	mg/kg	0.024	0.077	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Bis(2-chloroethyl)ether	<0.018	mg/kg	0.018	0.058	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Bis(2-chloroisopropyl)ether	<0.029	mg/kg	0.029	0.090	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Bis(2-ethylhexyl)phthalate	<b>0.058</b>	mg/kg	0.022 *	0.071	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Butylbenzylphthalate	<0.020	mg/kg	0.020	0.062	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Carbazole	<0.031	mg/kg	0.031	0.098	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Chrysene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Di-n-butylphthalate	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Di-n-octylphthalate	<0.022	mg/kg	0.022	0.070	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Dibenzo(a,h)anthracene	<0.025	mg/kg	0.025	0.081	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Dibenzofuran	<0.023	mg/kg	0.023	0.072	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diethylphthalate	<0.023	mg/kg	0.023	0.072	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Dimethylphthalate	<0.026	mg/kg	0.026	0.085	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Fluoranthene	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Fluorene	<0.025	mg/kg	0.025	0.082	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachlorobenzene	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachlorobutadiene	<0.032	mg/kg	0.032	0.10	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachlorocyclopentadiene	<0.017	mg/kg	0.017	0.053	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachloroethane	<0.029	mg/kg	0.029	0.091	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachloropropene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Indeno(1,2,3-cd)pyrene	<0.028	mg/kg	0.028	0.086	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Isophorone	<0.030	mg/kg	0.030	0.095	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
N-Nitroso-di-n-propylamine	<0.030	mg/kg	0.030	0.097	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
N-Nitrosodimethylamine	<0.031	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
N-Nitrosodiphenylamine & Diphn	<0.035	mg/kg	0.035	0.12	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
N-Nitrosopyrrolidine	<0.036	mg/kg	0.036	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Naphthalene	<0.021	mg/kg	0.021	0.064	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Nitrobenzene	<0.046	mg/kg	0.046	0.13	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Pentachlorophenol	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Phenanthrene	<0.018	mg/kg	0.018	0.056	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Phenol	<0.036	mg/kg	0.036	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Pyrene	<0.021	mg/kg	0.021	0.067	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Pyridine	<0.020	mg/kg	0.020	0.061	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D

Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.

1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
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Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.										
1,1,1-Trichloroethane	<0.013	mg/kg	0.013	0.043	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,1-Dichloroethane	<0.018	mg/kg	0.018	0.062	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,1-Dichloroethene	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,1-Dichloropropene	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2-Dibromoethane	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2-Dichloroethane	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,2-Dichloropropane	<0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	mg/kg	0.013	0.043	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,3-Dichloropropane	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
2,2-Dichloropropane	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
2-Butanone	<0.16	mg/kg	0.16	0.53	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
2-Chlorotoluene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
2-Hexanone	<0.18	mg/kg	0.18	0.61	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.										
4-Chlorotoluene	<0.018	mg/kg	0.018	0.062	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.17	mg/kg	0.17	0.58	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Acetone	<0.16	mg/kg	0.16	0.53	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Benzene	<0.0092	mg/kg	0.0092	0.032	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromobenzene	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromochloromethane	<0.023	mg/kg	0.023	0.074	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromodichloromethane	<0.017	mg/kg	0.017	0.057	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromoform	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromomethane	<0.057	mg/kg	0.057	0.19	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Carbon disulfide	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Carbon tetrachloride	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chlorobenzene	<0.021	mg/kg	0.021	0.069	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chloroethane	<0.057	mg/kg	0.057	0.17	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chloroform	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chloromethane	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	mg/kg	0.014	0.046	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Dibromochloromethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Dibromomethane	<0.014	mg/kg	0.014	0.045	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Dichlorodifluoromethane	<0.014	mg/kg	0.014	0.046	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Diisopropyl ether	<0.018	mg/kg	0.018	0.062	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Ethylbenzene	<0.0080	mg/kg	0.0080	0.025	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Hexachlorobutadiene	<0.017	mg/kg	0.017	0.057	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride laboratory contamination.										
Isopropylbenzene	<0.021	mg/kg	0.021	0.070	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
m & p-Xylene	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Methyl tert-butyl ether	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Methylene chloride	<b>0.033</b>	mg/kg	0.025 *	0.085	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
n-Butylbenzene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
n-Propylbenzene	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Naphthalene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
o-Xylene	<0.0092	mg/kg	0.0092	0.031	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
p-Isopropyltoluene	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
sec-Butylbenzene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Styrene	<0.022	mg/kg	0.022	0.072	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
tert-Butylbenzene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.041	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Tetrahydrofuran	<0.13	mg/kg	0.13	0.42	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.042	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.065	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Trichloroethene	<0.013	mg/kg	0.013	0.042	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Trichlorofluoromethane	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Vinyl acetate	<0.18	mg/kg	0.18	0.60	1	Z	10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Vinyl chloride	<0.014	mg/kg	0.014	0.047	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
4,4'-DDD	<0.0013	mg/kg	0.0013	0.0044	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
4,4'-DDE	<0.0013	mg/kg	0.0013	0.0041	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4,4'-DDT	<0.0011	mg/kg	0.0011	0.0038	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Aldrin	<0.00092	mg/kg	0.00092	0.0030	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
alpha-BHC	<0.00046	mg/kg	0.00046	0.0017	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
alpha-Chlordane	<0.00057	mg/kg	0.00057	0.0021	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
beta-BHC	<0.00092	mg/kg	0.00092	0.0030	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Chlordane (Technical)	<0.0057	mg/kg	0.0057	0.021	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
delta-BHC	<0.00080	mg/kg	0.00080	0.0026	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Dieldrin	<0.00069	mg/kg	0.00069	0.0024	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Endosulfan I	<0.00069	mg/kg	0.00069	0.0024	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Endosulfan II	<0.00069	mg/kg	0.00069	0.0022	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Endosulfan sulfate	<0.0015	mg/kg	0.0015	0.0051	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Endrin	<0.00069	mg/kg	0.00069	0.0024	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Endrin aldehyde	<0.0013	mg/kg	0.0013	0.0040	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Endrin ketone	<0.0017	mg/kg	0.0017	0.0056	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
gamma-Chlordane	<0.00057	mg/kg	0.00057	0.0017	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Heptachlor	<0.0022	mg/kg	0.0022	0.0072	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Heptachlor epoxide	<0.00092	mg/kg	0.00092	0.0031	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Lindane	<0.00057	mg/kg	0.00057	0.0018	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Methoxychlor	<0.0011	mg/kg	0.0011	0.0039	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Toxaphene	<0.010	mg/kg	0.010	0.036	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
Aroclor-1016	<0.011	mg/kg	0.011	0.039	1		10/2/2014 13:30	10/6/2014 11:26	JJY	EPA 8082A
Aroclor-1221	<0.013	mg/kg	0.013	0.040	1		10/2/2014 13:30	10/6/2014 11:26	JJY	EPA 8082A
Aroclor-1232	<0.0092	mg/kg	0.0092	0.031	1		10/2/2014 13:30	10/6/2014 11:26	JJY	EPA 8082A
Aroclor-1242	<0.0046	mg/kg	0.0046	0.016	1		10/2/2014 13:30	10/6/2014 11:26	JJY	EPA 8082A
Aroclor-1248	<0.0034	mg/kg	0.0034	0.010	1		10/2/2014 13:30	10/6/2014 11:26	JJY	EPA 8082A

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Aroclor-1254	<0.0057	mg/kg	0.0057	0.020	1		10/2/2014 13:30	10/6/2014 11:26	JJY	EPA 8082A
Aroclor-1260	<0.013	mg/kg	0.013	0.040	1		10/2/2014 13:30	10/6/2014 11:26	JJY	EPA 8082A
<b>Sub Lab Results</b>										
Herbicides	ATTACHED		N/A	N/A	1			10/8/2014 15:30	PML	SW8151

Notes: \* Indicates Value in between the LOD (limit of detection) and the LOQ (limit of quantitation).

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Pat M. Letterer  
 Project Manager  
 608-356-2760

#### QC Qualifiers

##### Code   Description

<b>B</b>	Analyte detected in the associated Method Blank.
<b>C</b>	Toxicity present in BOD sample.
<b>D</b>	Diluted Out.
<b>E</b>	Safe, No Total Coliform detected.
<b>F</b>	Unsafe, Total Coliform detected, no E. Coli detected.
<b>G</b>	Unsafe, Total Coliform detected and E. Coli detected.
<b>H</b>	Holding time exceeded.
<b>I</b>	BOD incubator temperature was outside acceptance limits during test period.
<b>J</b>	Estimated value.
<b>L</b>	Significant peaks were detected outside the chromatographic window.
<b>M</b>	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
<b>N</b>	Insufficient BOD oxygen depletion.
<b>O</b>	Complete BOD oxygen depletion.
<b>P</b>	Concentration of analyte differs more than 40% between primary and confirmation analysis.
<b>Q</b>	Laboratory Control Sample outside acceptance limits.
<b>R</b>	See Narrative at end of report.
<b>S</b>	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
<b>T</b>	Sample received with improper preservation or temperature.
<b>U</b>	Analyte concentration was below detection limit.
<b>V</b>	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
<b>W</b>	Sample amount received was below program minimum.
<b>X</b>	Analyte exceeded calibration range.
<b>Y</b>	Replicate/Duplicate precision outside acceptance limits.
<b>Z</b>	Specified calibration criteria was not met.

#### Current CT Laboratories Certifications

Florida NELAP ID# E871111  
 Kansas NELAP ID# E-10368  
 Kentucky ID# 0023  
 Pennsylvania NELAP ID# 68-04201  
 New Jersey NELAP ID# WI001  
 North Carolina ID# 674  
 Wisconsin (WDNR) Chemistry ID# 157066030  
 Wisconsin (DATCP) Bacteriology ID# 105-289  
 DoD-ELAP L-A-B Cert # L2392  
 Alaska ID # UST-099  
 Louisiana ID # 115843  
 Virginia ID# 460203  
 Illinois NELAP ID # 002413  
 ISO/IEC 17025-2005 L-A-B Cert # L2392  
 GA EPD Stipulation ID 115843, Expires Annually

<b>Report to:</b>	Tim Moore
<b>EMAIL:</b>	<u>tmoore@cticompanies.com</u>
<b>Company:</b>	CTI and Associates
<b>Address:</b>	51331 W. Pontiac Trail, Wixom, MI 48393
<b>Invoice to:*</b>	Tim Moore - Jenny Armstrong
<b>EMAIL:</b>	<u>jarmstrong@cticompanies.com</u>
<b>Company:</b>	CTI and Associates
<b>Address:</b>	

\* Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions.

SEE ATTACHED

### Analyses Requested

Normal RUSH:  
date needed

**Rush analysis *REQUIRES***  
**prior CTLabs' approval.**

**Surcharges:**  
24 hr: 200%    2-3 day: 100%  
4-9 day: 50%

**CT Lab ID #**

**Lab use only**

[illegible]**Total # of Containers****Designated MS/MSD**

2	2
---	---

•	
•	

**Lab Use Only**

Ice Present: ☒ YES ☐ NO

Temperature: 48

Cooler #: Shins



**Table 12-1 – Select Fill Environmental Samples**

Test	Test Method (Current Version)	Test Frequency
Classification	ASTM D 2487	Minimum 2 tests per source <sup>(1)</sup>
Grain size with – #200 Wash	ASTM D 422	
Moisture content	ASTM D 2216	
Atterberg limits	ASTM D 4318	
Laboratory Moisture-Density (Standard Proctor) <sup>(3)</sup>	ASTM D 698	Minimum 2 tests per material classification <sup>(2)</sup>
Volatile Organic Compounds	EPA 8260C	2 composite samples from 2 locations in borrow for each sample
Semi-Volatile Organic Compounds	EPA 8270D	2 composite samples from 2 locations in borrow for each sample
Metals (Arsenic, Barium, Chromium, Cadmium, Selenium, Lead and Silver)/Mercury	EPA 6020/7471	2 composite samples from 2 locations in borrow for each sample
Herbicides	EPA 8151	2 composite samples from 2 locations in borrow for each sample
Pesticides	EPA 8081	2 composite samples from 2 locations in borrow for each sample
PCBs	8082A	2 composite samples from 2 locations in borrow for each sample
Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	Conducted congruently with EPA 8260C, 8270D, and EPA 6020/7471

**Notes:**

- (1) Material classification tests, including grain size and Atterberg limits for Select Fill from off-site sources shall be conducted on samples from stockpiled material.
- (2) Samples for Standard Proctor testing shall be obtained from material mixed and stockpiled onsite and selected after material classification testing to represent the variation in material types.
- (3) If compacted fill consists of free draining granular materials where a moisture density relationship cannot be established in accordance with ASTM D 698 as approved by the URS Representative, test material in accordance with ASTM D 4253 and ASTM D 4254.

Engineered fill shall be Colorado Department of Transportation Class 6 Road Base with the gradation requirements in Table 12-2.

## QC SUMMARY REPORT

**CTI & ASSOCIATES**

**Project Name: MOLINE STREET**

**SDG #: 0**

**Folder #: 107209**

**Project Number: 2146090001**

### Lab Control Spike Soil

Analytical Run #:	108909	Analysis Date:	10/3/2014	Prep Batch #:	49897	Matrix:	SOLID
CTLab #:	504524	Analysis Time:	13:35	Prep Date/Time:	10/03/2014 08:00	Method:	SW6010
Parent Sample #:		Analyst:	MDS	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Arsenic	373	mg/kg			400	93	78 --- 109		
Barium	376	mg/kg			400	94	75 --- 125		
Cadmium	10.2	mg/kg			10.0	102	80 --- 120		
Chromium	40.8	mg/kg			40.0	102	83 --- 116		
Lead	89.0	mg/kg			100	89	80 --- 120		
Selenium	358	mg/kg			400	90	71 --- 106		
Silver	8.9	mg/kg			10.0	89	77 --- 115		

**Method Blank Soil**

Analytical Run #:	108909	Analysis Date:	10/3/2014	Prep Batch #:	49897	Matrix:	SOLID
CTLab #:	504523	Analysis Time:	13:38	Prep Date/Time:	10/03/2014 08:00	Method:	SW6010
Parent Sample #:		Analyst:	MDS	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Arsenic	0.42	mg/kg			0		0.3		
Barium	0.15	mg/kg			0		0.04		
Cadmium	0.025	mg/kg			0		0.019		
Chromium	0.10	mg/kg			0		0.07		
Lead	0.26	mg/kg		U	0		0.26		
Selenium	0.5	mg/kg		U	0		0.5		
Silver	0.12	mg/kg		U	0		0.12		

**Matrix Spike Duplicate Soil**

Analytical Run #:	108909	Analysis Date:	10/3/2014	Prep Batch #:	49897	Matrix:	SOIL
CTLab #:	504529	Analysis Time:	13:58	Prep Date/Time:	10/03/2014 08:00	Method:	SW6010
Parent Sample #:	504528	Analyst:	MDS	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Arsenic	269	mg/kg	1.4		294	91	68 --- 114	1	31
Barium	355	mg/kg	65.7		294	98	66 --- 122	4	26
Cadmium	6.8	mg/kg	0.39		7.4	87	53 --- 118	0	28
Chromium	45.1	mg/kg	24.9		29.4	69	53 --- 130	14	36
Lead	59.8	mg/kg	1.6		73.5	79	45 --- 135	2	37
Selenium	257	mg/kg	BDL		294	87	64 --- 113	2	29
Silver	6.2	mg/kg	BDL		7.4	84	61 --- 116	2	29



**Matrix Spike Soil**

Analytical Run #:	108909	Analysis Date:	10/3/2014	Prep Batch #:	49897	Matrix:	SOIL
CTLab #:	504528	Analysis Time:	13:55	Prep Date/Time:	10/03/2014 08:00	Method:	SW6010
Parent Sample #:	504333	Analyst:	MDS	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Arsenic	298	mg/kg	1.4		328	90	68 --- 114		
Barium	379	mg/kg	65.7		328	96	66 --- 122		
Cadmium	7.5	mg/kg	0.39		8.2	87	53 --- 118		
Chromium	43.9	mg/kg	24.9		32.8	58	53 --- 130		
Lead	65.2	mg/kg	1.6		82.0	78	45 --- 135		
Selenium	280	mg/kg	BDL		328	85	64 --- 113		
Silver	6.8	mg/kg	BDL		8.2	83	61 --- 116		

CTI & ASSOCIATES

Project Name: MOLINE STREET

SDG #: 0

Folder #: 107209

Project Number: 2146090001

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**Lab Control Spike Soil**

Analytical Run #:	108998	Analysis Date:	10/7/2014	Prep Batch #:	49904	Matrix:	SOLID
CTLab #:	504618	Analysis Time:	12:18	Prep Date/Time:	10/06/2014 12:00	Method:	SW7471B
Parent Sample #:		Analyst:	LJF	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Mercury	0.077	mg/kg			0.083	93	78 --- 112		20

CTI & ASSOCIATES

Project Name: MOLINE STREET

SDG #: 0

Folder #: 107209

Project Number: 2146090001

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**Method Blank Soil**

Analytical Run #:	108998	Analysis Date:	10/7/2014	Prep Batch #:	49904	Matrix:	SOLID
CTLab #:	504617	Analysis Time:	12:20	Prep Date/Time:	10/06/2014 12:00	Method:	SW7471B
Parent Sample #:		Analyst:	LJF	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Mercury	0.004	mg/kg		U	0		0.004		

**Lab Control Spike Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOLID
CTLab #:	504430	Analysis Time:	11:16	Prep Date/Time:	10/02/2014 3:00	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.514	mg/kg			0.500	103	78 --- 117		
1,1,1-Trichloroethane	0.486	mg/kg			0.500	97	77 --- 121		
1,1,2,2-Tetrachloroethane	0.531	mg/kg			0.500	106	77 --- 117		
1,1,2-Trichloroethane	0.528	mg/kg			0.500	106	80 --- 116		
1,1-Dichloroethane	0.520	mg/kg			0.500	104	76 --- 122		
1,1-Dichloroethene	0.518	mg/kg			0.500	104	67 --- 129		
1,1-Dichloropropene	0.483	mg/kg			0.500	97	77 --- 118		
1,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	78 --- 118		
1,2,3-Trichlorobenzene	0.543	mg/kg			0.500	109	76 --- 125		
1,2,3-Trichloropropane	0.557	mg/kg			0.500	111	75 --- 118		
1,2,4-Trichlorobenzene	0.475	mg/kg			0.500	95	77 --- 122		
1,2,4-Trimethylbenzene	0.537	mg/kg			0.500	107	77 --- 119		
1,2-Dibromo-3-chloropropane	0.495	mg/kg			0.500	99	63 --- 126		
1,2-Dibromoethane	0.512	mg/kg			0.500	102	83 --- 113		
1,2-Dichlorobenzene	0.508	mg/kg			0.500	102	82 --- 115		
1,2-Dichloroethane	0.495	mg/kg			0.500	99	73 --- 123		
1,2-Dichloropropane	0.506	mg/kg			0.500	101	79 --- 116		
1,3,5-Trimethylbenzene	0.533	mg/kg			0.500	107	79 --- 118		
1,3-Dichlorobenzene	0.521	mg/kg			0.500	104	82 --- 114		
1,3-Dichloropropane	0.540	mg/kg			0.500	108	81 --- 116		
1,4-Dichlorobenzene	0.509	mg/kg			0.500	102	82 --- 112		
2,2-Dichloropropane	0.473	mg/kg			0.500	95	69 --- 130		
2-Butanone	5.14	mg/kg			5.00	103	73 --- 125		
2-Chlorotoluene	0.532	mg/kg			0.500	106	78 --- 116		
2-Hexanone	5.51	mg/kg			5.00	110	72 --- 126		
4-Chlorotoluene	0.539	mg/kg			0.500	108	78 --- 117		
4-Methyl-2-pentanone	5.48	mg/kg			5.00	110	72 --- 128		
Acetone	4.96	mg/kg			5.00	99	64 --- 133		
Benzene	0.487	mg/kg			0.500	97	84 --- 118		
Bromobenzene	0.522	mg/kg			0.500	104	82 --- 113		
Bromochloromethane	0.509	mg/kg			0.500	102	81 --- 117		
Bromodichloromethane	0.489	mg/kg			0.500	98	80 --- 117		
Bromofluorobenzene	103	% Recovery			100	103	83 --- 132		
Bromoform	0.497	mg/kg			0.500	99	61 --- 132		
Bromomethane	0.646	mg/kg			0.500	129	60 --- 141		
Carbon disulfide	1.02	mg/kg			1.00	102	64 --- 136		
Carbon tetrachloride	0.501	mg/kg			0.500	100	74 --- 124		
Chlorobenzene	0.509	mg/kg			0.500	102	81 --- 114		
Chloroethane	0.590	mg/kg			0.500	118	52 --- 147		
Chloroform	0.489	mg/kg			0.500	98	78 --- 118		
Chloromethane	0.533	mg/kg			0.500	107	67 --- 126		
cis-1,2-Dichloroethene	0.488	mg/kg			0.500	98	79 --- 117		



**Lab Control Spike Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOLID
CTLab #:	504430	Analysis Time:	11:16	Prep Date/Time:	10/02/2014 3:00	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.499	mg/kg			0.500	100	80 --- 120		
d8-Toluene	103	% Recovery			100	103	82 --- 124		
Dibromochloromethane	0.524	mg/kg			0.500	105	75 --- 118		
Dibromofluoromethane	99.0	% Recovery			100	99.0	79 --- 119		
Dibromomethane	0.489	mg/kg			0.500	98	82 --- 115		
Dichlorodifluoromethane	0.525	mg/kg			0.500	105	62 --- 131		
Diisopropyl ether	0.523	mg/kg			0.500	105	75 --- 123		
Ethylbenzene	0.514	mg/kg			0.500	103	86 --- 116		
Hexachlorobutadiene	0.454	mg/kg			0.500	91	71 --- 129		
Isopropylbenzene	0.526	mg/kg			0.500	105	77 --- 119		
m & p-Xylene	1.06	mg/kg			1.00	106	86 --- 116		
Methyl tert-butyl ether	0.529	mg/kg			0.500	106	85 --- 118		
Methylene chloride	0.510	mg/kg			0.500	102	47 --- 150		
n-Butylbenzene	0.499	mg/kg			0.500	100	78 --- 121		
n-Propylbenzene	0.525	mg/kg			0.500	105	77 --- 120		
Naphthalene	0.537	mg/kg			0.500	107	76 --- 126		
o-Xylene	0.527	mg/kg			0.500	105	85 --- 114		
p-Isopropyltoluene	0.523	mg/kg			0.500	105	78 --- 119		
sec-Butylbenzene	0.530	mg/kg			0.500	106	77 --- 120		
Styrene	0.532	mg/kg			0.500	106	82 --- 115		
tert-Butylbenzene	0.525	mg/kg			0.500	105	79 --- 117		
Tetrachloroethene	0.508	mg/kg			0.500	102	72 --- 123		
Tetrahydrofuran	5.14	mg/kg			5.00	103	73 --- 124		
Toluene	0.511	mg/kg			0.500	102	85 --- 120		
trans-1,2-Dichloroethene	0.521	mg/kg			0.500	104	61 --- 132		
trans-1,3-Dichloropropene	0.499	mg/kg			0.500	100	74 --- 122		
Trichloroethene	0.480	mg/kg			0.500	96	78 --- 118		
Trichlorofluoromethane	0.576	mg/kg			0.500	115	64 --- 133		
Vinyl Acetate	3.81	mg/kg			5.00	76	42 --- 156		
Vinyl chloride	0.556	mg/kg			0.500	111	72 --- 125		

**Method Blank Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOLID
CTLab #:	504429	Analysis Time:	12:51	Prep Date/Time:	10/02/2014 3:00	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.013	mg/kg		U	0		0.013		
1,1,1-Trichloroethane	0.011	mg/kg		U	0		0.011		
1,1,2,2-Tetrachloroethane	0.017	mg/kg		U	0		0.017		
1,1,2-Trichloroethane	0.014	mg/kg		U	0		0.014		
1,1-Dichloroethane	0.016	mg/kg		U	0		0.016		
1,1-Dichloroethene	0.014	mg/kg		U	0		0.014		
1,1-Dichloropropene	0.015	mg/kg		U	0		0.015		
1,2-Dichloroethane-d4	102	% Recovery			100	102	78 --- 118		
1,2,3-Trichlorobenzene	0.016	mg/kg		U	0		0.016		
1,2,3-Trichloropropane	0.015	mg/kg		U	0		0.015		
1,2,4-Trichlorobenzene	0.013	mg/kg		U	0		0.013		
1,2,4-Trimethylbenzene	0.017	mg/kg		U	0		0.017		
1,2-Dibromo-3-chloropropane	0.016	mg/kg		U	0		0.016		
1,2-Dibromoethane	0.017	mg/kg		U	0		0.017		
1,2-Dichlorobenzene	0.014	mg/kg		U	0		0.014		
1,2-Dichloroethane	0.014	mg/kg		U	0		0.014		
1,2-Dichloropropane	0.017	mg/kg		U	0		0.017		
1,3,5-Trimethylbenzene	0.017	mg/kg		U	0		0.017		
1,3-Dichlorobenzene	0.011	mg/kg		U	0		0.011		
1,3-Dichloropropane	0.016	mg/kg		U	0		0.016		
1,4-Dichlorobenzene	0.014	mg/kg		U	0		0.014		
2,2-Dichloropropane	0.014	mg/kg		U	0		0.014		
2-Butanone	0.14	mg/kg		U	0		0.14		
2-Chlorotoluene	0.014	mg/kg		U	0		0.014		
2-Hexanone	0.16	mg/kg		U	0		0.16		
4-Chlorotoluene	0.016	mg/kg		U	0		0.016		
4-Methyl-2-pentanone	0.15	mg/kg		U	0		0.15		
Acetone	0.14	mg/kg		U	0		0.14		
Benzene	0.008	mg/kg		U	0		0.008		
Bromobenzene	0.014	mg/kg		U	0		0.014		
Bromochloromethane	0.020	mg/kg		U	0		0.020		
Bromodichloromethane	0.015	mg/kg		U	0		0.015		
Bromofluorobenzene	106	% Recovery			100	106	83 --- 132		
Bromoform	0.014	mg/kg		U	0		0.014		
Bromomethane	0.05	mg/kg		U	0		0.05		
Carbon disulfide	0.030	mg/kg		U	0		0.030		
Carbon tetrachloride	0.014	mg/kg		U	0		0.014		
Chlorobenzene	0.018	mg/kg		U	0		0.018		
Chloroethane	0.05	mg/kg		U	0		0.05		
Chloroform	0.015	mg/kg		U	0		0.015		
Chloromethane	0.014	mg/kg		U	0		0.014		
cis-1,2-Dichloroethene	0.014	mg/kg		U	0		0.014		

**Method Blank Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOLID
CTLab #:	504429	Analysis Time:	12:51	Prep Date/Time:	10/02/2014 3:00	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.012	mg/kg		U	0		0.012		
d8-Toluene	98.0	% Recovery			100	98.0	82 --- 124		
Dibromochloromethane	0.013	mg/kg		U	0		0.013		
Dibromofluoromethane	98.0	% Recovery			100	98.0	79 --- 119		
Dibromomethane	0.012	mg/kg		U	0		0.012		
Dichlorodifluoromethane	0.012	mg/kg		U	0		0.012		
Diisopropyl ether	0.016	mg/kg		U	0		0.016		
Ethylbenzene	0.007	mg/kg		U	0		0.007		
Hexachlorobutadiene	0.015	mg/kg		U	0		0.015		
Isopropylbenzene	0.018	mg/kg		U	0		0.018		
m & p-Xylene	0.03	mg/kg		U	0		0.03		
Methyl tert-butyl ether	0.017	mg/kg		U	0		0.017		
Methylene chloride	0.022	mg/kg		U	0		0.022		
n-Butylbenzene	0.017	mg/kg		U	0		0.017		
n-Propylbenzene	0.015	mg/kg		U	0		0.015		
Naphthalene	0.014	mg/kg		U	0		0.014		
o-Xylene	0.008	mg/kg		U	0		0.008		
p-Isopropyltoluene	0.016	mg/kg		U	0		0.016		
sec-Butylbenzene	0.017	mg/kg		U	0		0.017		
Styrene	0.019	mg/kg		U	0		0.019		
tert-Butylbenzene	0.017	mg/kg		U	0		0.017		
Tetrachloroethene	0.011	mg/kg		U	0		0.011		
Tetrahydrofuran	0.11	mg/kg		U	0		0.11		
Toluene	0.011	mg/kg		U	0		0.011		
trans-1,2-Dichloroethene	0.014	mg/kg		U	0		0.014		
trans-1,3-Dichloropropene	0.017	mg/kg		U	0		0.017		
Trichloroethene	0.011	mg/kg		U	0		0.011		
Trichlorofluoromethane	0.014	mg/kg		U	0		0.014		
Vinyl Acetate	0.16	mg/kg		U	0		0.16		
Vinyl chloride	0.012	mg/kg		U	0		0.012		

**Matrix Spike Duplicate Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL
CTLab #:	504432	Analysis Time:	19:06	Prep Date/Time:	10/02/2014 3:00	Method:	SW8260C
Parent Sample #:	504431	Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.628	mg/kg	BDL		0.565	111	74 --- 112	6	13
1,1,1-Trichloroethane	0.620	mg/kg	BDL		0.565	110	76 --- 118	10	13
1,1,2,2-Tetrachloroethane	0.464	mg/kg	BDL		0.565	82	67 --- 120	0	18
1,1,2-Trichloroethane	0.614	mg/kg	BDL		0.565	109	72 --- 124	2	20
1,1-Dichloroethane	0.610	mg/kg	BDL		0.565	108	75 --- 122	3	21
1,1-Dichloroethene	0.560	mg/kg	BDL		0.565	99	66 --- 135	2	19
1,1-Dichloropropene	0.609	mg/kg	BDL		0.565	108	78 --- 116	10	16
1,2-Dichloroethane-d4	101	% Recovery			100	101	80 --- 117		
1,2,3-Trichlorobenzene	0.597	mg/kg	BDL		0.565	106	63 --- 136	2	47
1,2,3-Trichloropropane	0.576	mg/kg	BDL		0.565	102	66 --- 130	3	20
1,2,4-Trichlorobenzene	0.550	mg/kg	BDL		0.565	97	68 --- 127	2	35
1,2,4-Trimethylbenzene	0.635	mg/kg	BDL		0.565	112	73 --- 123	3	13
1,2-Dibromo-3-chloropropane	0.581	mg/kg	BDL		0.565	103	57 --- 120	1	29
1,2-Dibromoethane	0.609	mg/kg	BDL		0.565	108	81 --- 110	4	14
1,2-Dichlorobenzene	0.596	mg/kg	BDL		0.565	105	81 --- 114	0	11
1,2-Dichloroethane	0.608	mg/kg	BDL		0.565	108	73 --- 121	3	16
1,2-Dichloropropane	0.603	mg/kg	BDL		0.565	107	77 --- 118	4	15
1,3,5-Trimethylbenzene	0.614	mg/kg	BDL		0.565	109	76 --- 120	2	13
1,3-Dichlorobenzene	0.608	mg/kg	BDL		0.565	108	83 --- 111	2	13
1,3-Dichloropropane	0.618	mg/kg	BDL		0.565	109	81 --- 115	3	15
1,4-Dichlorobenzene	0.610	mg/kg	BDL		0.565	108	82 --- 110	1	12
2,2-Dichloropropane	0.526	mg/kg	BDL		0.565	93	63 --- 117	6	17
2-Butanone	6.44	mg/kg	BDL		5.65	114	70 --- 126	3	24
2-Chlorotoluene	0.621	mg/kg	BDL		0.565	110	74 --- 119	4	15
2-Hexanone	6.69	mg/kg	BDL		5.65	118	64 --- 136	0	25
4-Chlorotoluene	0.618	mg/kg	BDL		0.565	109	72 --- 124	2	14
4-Methyl-2-pentanone	6.47	mg/kg	BDL		5.65	115	67 --- 135	3	21
Acetone	6.08	mg/kg	BDL		5.65	108	54 --- 143	12	28
Benzene	0.592	mg/kg	BDL		0.565	105	82 --- 112	2	11
Bromobenzene	0.592	mg/kg	BDL		0.565	105	81 --- 112	1	14
Bromochloromethane	0.630	mg/kg	BDL		0.565	112	78 --- 117	5	15
Bromodichloromethane	0.621	mg/kg	BDL		0.565	110	77 --- 114	8	15
Bromofluorobenzene	102	% Recovery			100	102	77 --- 136		
Bromoform	0.628	mg/kg	BDL		0.565	111	56 --- 117	8	19
Bromomethane	0.714	mg/kg	BDL		0.565	126	52 --- 151	18	30
Carbon disulfide	1.23	mg/kg	BDL		1.13	109	58 --- 137	5	22
Carbon tetrachloride	0.669	mg/kg	BDL		0.565	118	72 --- 117	16	13
Chlorobenzene	0.606	mg/kg	BDL		0.565	107	81 --- 112	1	11
Chloroethane	0.697	mg/kg	BDL		0.565	123	48 --- 156	18	34
Chloroform	0.610	mg/kg	BDL		0.565	108	77 --- 117	4	13
Chloromethane	0.509	mg/kg	BDL		0.565	90	61 --- 137	5	19
cis-1,2-Dichloroethene	0.599	mg/kg	BDL		0.565	106	79 --- 116	5	13



**Matrix Spike Duplicate Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL
CTLab #:	504432	Analysis Time:	19:06	Prep Date/Time:	10/02/2014 3:00	Method:	SW8260C
Parent Sample #:	504431	Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.588	mg/kg	BDL		0.565	104	76 --- 114	6	15
d8-Toluene	102	% Recovery			100	102	85 --- 122		
Dibromochloromethane	0.649	mg/kg	BDL		0.565	115	69 --- 109	10	14
Dibromofluoromethane	103	% Recovery			100	103	82 --- 118		
Dibromomethane	0.587	mg/kg	BDL		0.565	104	80 --- 112	1	16
Dichlorodifluoromethane	0.507	mg/kg	BDL		0.565	90	55 --- 145	5	16
Diisopropyl ether	0.584	mg/kg	BDL		0.565	103	73 --- 124	2	16
Ethylbenzene	0.604	mg/kg	BDL		0.565	107	77 --- 117	2	10
Hexachlorobutadiene	0.545	mg/kg	BDL		0.565	96	60 --- 136	3	23
Isopropylbenzene	0.624	mg/kg	BDL		0.565	110	67 --- 119	2	12
m & p-Xylene	1.26	mg/kg	BDL		1.13	112	71 --- 121	2	9
Methyl tert-butyl ether	0.604	mg/kg	BDL		0.565	107	76 --- 122	3	18
Methylene chloride	0.607	mg/kg	0.030		0.565	102	35 --- 146	2	24
n-Butylbenzene	0.594	mg/kg	BDL		0.565	105	73 --- 127	1	14
n-Propylbenzene	0.608	mg/kg	BDL		0.565	108	73 --- 122	3	14
Naphthalene	0.624	mg/kg	BDL		0.565	110	57 --- 142	3	44
o-Xylene	0.642	mg/kg	BDL		0.565	114	75 --- 119	3	12
p-Isopropyltoluene	0.624	mg/kg	BDL		0.565	110	75 --- 121	3	14
sec-Butylbenzene	0.618	mg/kg	BDL		0.565	109	76 --- 122	2	15
Styrene	0.627	mg/kg	BDL		0.565	111	80 --- 118	1	14
tert-Butylbenzene	0.601	mg/kg	BDL		0.565	106	77 --- 118	3	14
Tetrachloroethene	0.592	mg/kg	BDL		0.565	105	71 --- 122	4	13
Tetrahydrofuran	5.98	mg/kg	BDL		5.65	106	69 --- 127	0	24
Toluene	0.589	mg/kg	BDL		0.565	104	74 --- 123	3	11
trans-1,2-Dichloroethene	0.615	mg/kg	BDL		0.565	109	64 --- 131	2	22
trans-1,3-Dichloropropene	0.580	mg/kg	BDL		0.565	103	68 --- 109	4	16
Trichloroethene	0.731	mg/kg	BDL		0.565	129	67 --- 130	8	14
Trichlorofluoromethane	0.563	mg/kg	BDL		0.565	100	54 --- 145	8	24
Vinyl Acetate	0.558	mg/kg	BDL		5.65	10	29 --- 157	7	37
Vinyl chloride	0.574	mg/kg	BDL		0.565	102	68 --- 136	2	17

**Matrix Spike Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL
CTLab #:	504431	Analysis Time:	18:36	Prep Date/Time:	10/02/2014 1:00	Method:	SW8260C
Parent Sample #:	504333	Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.589	mg/kg	BDL		0.565	104	74 --- 112		
1,1,1-Trichloroethane	0.564	mg/kg	BDL		0.565	100	76 --- 118		
1,1,2,2-Tetrachloroethane	0.463	mg/kg	BDL		0.565	82	67 --- 120		
1,1,2-Trichloroethane	0.603	mg/kg	BDL		0.565	107	72 --- 124		
1,1-Dichloroethane	0.591	mg/kg	BDL		0.565	105	75 --- 122		
1,1-Dichloroethene	0.570	mg/kg	BDL		0.565	101	66 --- 135		
1,1-Dichloropropene	0.554	mg/kg	BDL		0.565	98	78 --- 116		
1,2 Dichloroethane-d4	101	% Recovery			100	101	80 --- 117		
1,2,3-Trichlorobenzene	0.583	mg/kg	BDL		0.565	103	63 --- 136		
1,2,3-Trichloropropane	0.561	mg/kg	BDL		0.565	99	66 --- 130		
1,2,4-Trichlorobenzene	0.540	mg/kg	BDL		0.565	96	68 --- 127		
1,2,4-Trimethylbenzene	0.617	mg/kg	BDL		0.565	109	73 --- 123		
1,2-Dibromo-3-chloropropane	0.573	mg/kg	BDL		0.565	101	57 --- 120		
1,2-Dibromoethane	0.585	mg/kg	BDL		0.565	104	81 --- 110		
1,2-Dichlorobenzene	0.596	mg/kg	BDL		0.565	105	81 --- 114		
1,2-Dichloroethane	0.592	mg/kg	BDL		0.565	105	73 --- 121		
1,2-Dichloropropane	0.579	mg/kg	BDL		0.565	102	77 --- 118		
1,3,5-Trimethylbenzene	0.605	mg/kg	BDL		0.565	107	76 --- 120		
1,3-Dichlorobenzene	0.595	mg/kg	BDL		0.565	105	83 --- 111		
1,3-Dichloropropane	0.600	mg/kg	BDL		0.565	106	81 --- 115		
1,4-Dichlorobenzene	0.603	mg/kg	BDL		0.565	107	82 --- 110		
2,2-Dichloropropane	0.497	mg/kg	BDL		0.565	88	63 --- 117		
2-Butanone	6.25	mg/kg	BDL		5.65	111	70 --- 126		
2-Chlorotoluene	0.596	mg/kg	BDL		0.565	105	74 --- 119		
2-Hexanone	6.70	mg/kg	BDL		5.65	119	64 --- 136		
4-Chlorotoluene	0.606	mg/kg	BDL		0.565	107	72 --- 124		
4-Methyl-2-pentanone	6.30	mg/kg	BDL		5.65	112	67 --- 135		
Acetone	6.85	mg/kg	BDL		5.65	121	54 --- 143		
Benzene	0.580	mg/kg	BDL		0.565	103	82 --- 112		
Bromobenzene	0.583	mg/kg	BDL		0.565	103	81 --- 112		
Bromochloromethane	0.599	mg/kg	BDL		0.565	106	78 --- 117		
Bromodichloromethane	0.572	mg/kg	BDL		0.565	101	77 --- 114		
Bromofluorobenzene	101	% Recovery			100	101	77 --- 136		
Bromoform	0.578	mg/kg	BDL		0.565	102	56 --- 117		
Bromomethane	0.597	mg/kg	BDL		0.565	106	52 --- 151		
Carbon disulfide	1.17	mg/kg	BDL		1.13	104	58 --- 137		
Carbon tetrachloride	0.569	mg/kg	BDL		0.565	101	72 --- 117		
Chlorobenzene	0.598	mg/kg	BDL		0.565	106	81 --- 112		
Chloroethane	0.583	mg/kg	BDL		0.565	103	48 --- 156		
Chloroform	0.588	mg/kg	BDL		0.565	104	77 --- 117		
Chloromethane	0.534	mg/kg	BDL		0.565	95	61 --- 137		
cis-1,2-Dichloroethene	0.573	mg/kg	BDL		0.565	101	79 --- 116		

**Matrix Spike Soil**

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL
CTLab #:	504431	Analysis Time:	18:36	Prep Date/Time:	10/02/2014 1:00	Method:	SW8260C
Parent Sample #:	504333	Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.555	mg/kg	BDL		0.565	98	76 --- 114		
d8-Toluene	101	% Recovery			100	101	85 --- 122		
Dibromochloromethane	0.587	mg/kg	BDL		0.565	104	69 --- 109		
Dibromofluoromethane	99.0	% Recovery			100	99.0	82 --- 118		
Dibromomethane	0.592	mg/kg	BDL		0.565	105	80 --- 112		
Dichlorodifluoromethane	0.533	mg/kg	BDL		0.565	94	55 --- 145		
Diisopropyl ether	0.593	mg/kg	BDL		0.565	105	73 --- 124		
Ethylbenzene	0.594	mg/kg	BDL		0.565	105	77 --- 117		
Hexachlorobutadiene	0.530	mg/kg	BDL		0.565	94	60 --- 136		
Isopropylbenzene	0.609	mg/kg	BDL		0.565	108	67 --- 119		
m & p-Xylene	1.24	mg/kg	BDL		1.13	110	71 --- 121		
Methyl tert-butyl ether	0.621	mg/kg	BDL		0.565	110	76 --- 122		
Methylene chloride	0.620	mg/kg	0.030		0.565	104	35 --- 146		
n-Butylbenzene	0.588	mg/kg	BDL		0.565	104	73 --- 127		
n-Propylbenzene	0.593	mg/kg	BDL		0.565	105	73 --- 122		
Naphthalene	0.606	mg/kg	BDL		0.565	107	57 --- 142		
o-Xylene	0.626	mg/kg	BDL		0.565	111	75 --- 119		
p-Isopropyltoluene	0.605	mg/kg	BDL		0.565	107	75 --- 121		
sec-Butylbenzene	0.606	mg/kg	BDL		0.565	107	76 --- 122		
Styrene	0.623	mg/kg	BDL		0.565	110	80 --- 118		
tert-Butylbenzene	0.583	mg/kg	BDL		0.565	103	77 --- 118		
Tetrachloroethene	0.570	mg/kg	BDL		0.565	101	71 --- 122		
Tetrahydrofuran	5.96	mg/kg	BDL		5.65	105	69 --- 127		
Toluene	0.574	mg/kg	BDL		0.565	102	74 --- 123		
trans-1,2-Dichloroethene	0.601	mg/kg	BDL		0.565	106	64 --- 131		
trans-1,3-Dichloropropene	0.557	mg/kg	BDL		0.565	99	68 --- 109		
Trichloroethene	0.678	mg/kg	BDL		0.565	120	67 --- 130		
Trichlorofluoromethane	0.610	mg/kg	BDL		0.565	108	54 --- 145		
Vinyl Acetate	0.596	mg/kg	BDL		5.65	11	29 --- 157		
Vinyl chloride	0.564	mg/kg	BDL		0.565	100	68 --- 136		

**Lab Control Spike Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOLID
CTLab #:	504416	Analysis Time:	12:01	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	1.60	mg/kg			2.00	80	47 --- 106		20
1,2,4-Trichlorobenzene	1.43	mg/kg			2.00	72	45 --- 103		20
1,2-Dichlorobenzene	1.44	mg/kg			2.00	72	43 --- 103		20
1,3-Dichlorobenzene	1.41	mg/kg			2.00	70	42 --- 101		20
1,4-Dichlorobenzene	1.40	mg/kg			2.00	70	42 --- 101		20
2,4,5-Trichlorophenol	1.59	mg/kg			2.00	80	46 --- 110		20
2,4,6-Trichlorophenol	1.57	mg/kg			2.00	78	43 --- 109		20
2,4-Dichlorophenol	1.47	mg/kg			2.00	74	46 --- 108		20
2,4-Dimethylphenol	1.58	mg/kg			2.00	79	39 --- 103		20
2,4-Dinitrophenol	1.24	mg/kg			2.00	62	16 --- 102		20
2,4-Dinitrotoluene	1.85	mg/kg			2.00	92	49 --- 112		20
2,6-Dichlorophenol	1.44	mg/kg			2.00	72	44 --- 100		20
2,6-Dinitrotoluene	1.81	mg/kg			2.00	90	49 --- 108		20
2-Chloronaphthalene	1.53	mg/kg			2.00	76	46 --- 103		20
2-Chlorophenol	1.47	mg/kg			2.00	74	45 --- 104		20
2-Methylnaphthalene	1.46	mg/kg			2.00	73	45 --- 106		20
2-Methylphenol	1.56	mg/kg			2.00	78	46 --- 107		20
2-Nitroaniline	1.76	mg/kg			2.00	88	46 --- 112		20
2-Nitrophenol	1.37	mg/kg			2.00	68	43 --- 107		20
3 & 4-Methylphenol	1.63	mg/kg			2.00	82	48 --- 108		20
3,3'-Dichlorobenzidine	2.28	mg/kg			2.00	114	25 --- 148		20
3-Nitroaniline	1.65	mg/kg			2.00	82	24 --- 110		20
4,6-Dinitro-2-methylphenol	1.39	mg/kg			2.00	70	32 --- 108		20
4-Bromophenyl-phenyl ether	1.91	mg/kg			2.00	96	48 --- 106		20
4-Chloro-3-methylphenol	1.57	mg/kg			2.00	78	48 --- 107		20
4-Chloroaniline	1.02	mg/kg			2.00	51	14 --- 83		20
4-Chlorophenyl-phenyl ether	1.80	mg/kg			2.00	90	47 --- 106		20
4-Nitroaniline	2.16	mg/kg			2.00	108	44 --- 125		20
4-Nitrophenol	1.72	mg/kg			2.00	86	33 --- 112		20
Acenaphthene	1.67	mg/kg			2.00	84	46 --- 105		20
Acenaphthylene	1.66	mg/kg			2.00	83	47 --- 105		20
Acetophenone	1.59	mg/kg			2.00	80	47 --- 105		20
Aniline	0.927	mg/kg			2.00	46	18 --- 87		20
Anthracene	1.89	mg/kg			2.00	94	50 --- 106		20
Azobenzene & 1,2-Diphenylhydra	3.46	mg/kg			4.00	86	47 --- 105		20
Benzidine	0.419	mg/kg			2.00	21	0 --- 141		20
Benzo(a)anthracene	2.10	mg/kg			2.00	105	49 --- 105		20
Benzo(a)pyrene	2.09	mg/kg			2.00	104	48 --- 105		20
Benzo(b)fluoranthene	2.02	mg/kg			2.00	101	46 --- 105		20
Benzo(g,h,i)perylene	1.92	mg/kg			2.00	96	42 --- 106		20
Benzo(k)fluoranthene	2.06	mg/kg			2.00	103	48 --- 108		20
Bis(2-chloroethoxy)methane	1.59	mg/kg			2.00	80	45 --- 106		20



**Lab Control Spike Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOLID
CTLab #:	504416	Analysis Time:	12:01	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	1.57	mg/kg			2.00	78	43 --- 104		20
Bis(2-chloroisopropyl)ether	1.46	mg/kg			2.00	73	38 --- 102		20
Bis(2-ethylhexyl)phthalate	1.98	mg/kg			2.00	99	54 --- 109		20
Butylbenzylphthalate	2.13	mg/kg			2.00	106	49 --- 111		20
Carbazole	2.11	mg/kg			2.00	106	46 --- 125		20
Chrysene	2.11	mg/kg			2.00	106	50 --- 106		20
Di-n-butylphthalate	1.94	mg/kg			2.00	97	54 --- 111		20
Di-n-octylphthalate	2.04	mg/kg			2.00	102	50 --- 111		20
Dibenzo(a,h)anthracene	1.99	mg/kg			2.00	100	44 --- 109		20
Dibenzofuran	1.70	mg/kg			2.00	85	47 --- 105		20
Diethylphthalate	1.88	mg/kg			2.00	94	50 --- 106		20
Dimethylphthalate	1.85	mg/kg			2.00	92	43 --- 113		20
Fluoranthene	1.89	mg/kg			2.00	94	49 --- 109		20
Fluorene	1.77	mg/kg			2.00	88	47 --- 106		20
Hexachlorobenzene	1.86	mg/kg			2.00	93	48 --- 105		20
Hexachlorobutadiene	1.41	mg/kg			2.00	70	43 --- 104		20
Hexachlorocyclopentadiene	0.962	mg/kg			2.00	48	35 --- 106		20
Hexachloroethane	1.47	mg/kg			2.00	74	42 --- 102		20
Hexachloropropene	1.14	mg/kg			2.00	57	50 --- 150		20
Indeno(1,2,3-cd)pyrene	1.96	mg/kg			2.00	98	44 --- 106		20
Isophorone	1.54	mg/kg			2.00	77	45 --- 101		20
N-Nitroso-di-n-propylamine	1.62	mg/kg			2.00	81	46 --- 105		20
N-Nitrosodimethylamine	1.52	mg/kg			2.00	76	28 --- 107		20
N-Nitrosodiphenylamine & Diphn	3.53	mg/kg			4.00	88	49 --- 108		20
N-Nitrosopyrrolidine	1.57	mg/kg			2.00	78	45 --- 105		20
Naphthalene	1.48	mg/kg			2.00	74	45 --- 103		20
Nitrobenzene	1.56	mg/kg			2.00	78	45 --- 105		20
Pentachlorophenol	1.70	mg/kg			2.00	85	16 --- 116		20
Phenanthrene	1.80	mg/kg			2.00	90	49 --- 105		20
Phenol	1.57	mg/kg			2.00	78	46 --- 106		20
Pyrene	1.97	mg/kg			2.00	98	48 --- 108		20
Pyridine	0.649	mg/kg			2.00	32	10 --- 89		20
Surr: 2,4,6-Tribromophenol	86.7	% Recovery			100	86.7	42 --- 117		
Surr: 2-Fluorobiphenyl	79.8	% Recovery			100	79.8	35 --- 118		
Surr: 2-Fluorophenol	69.5	% Recovery			100	69.5	30 --- 116		
Surr: Nitrobenzene-d5	78.1	% Recovery			100	78.1	36 --- 115		
Surr: Phenol-d5	78.3	% Recovery			100	78.3	39 --- 113		
Surr: Terphenyl-d14	99.4	% Recovery			100	99.4	39 --- 124		

**Method Blank Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOLID
CTLab #:	504415	Analysis Time:	11:41	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	0.025	mg/kg		U	0		0.025		
1,2,4-Trichlorobenzene	0.023	mg/kg		U	0		0.023		
1,2-Dichlorobenzene	0.025	mg/kg		U	0		0.025		
1,3-Dichlorobenzene	0.020	mg/kg		U	0		0.020		
1,4-Dichlorobenzene	0.020	mg/kg		U	0		0.020		
2,4,5-Trichlorophenol	0.028	mg/kg		U	0		0.028		
2,4,6-Trichlorophenol	0.026	mg/kg		U	0		0.026		
2,4-Dichlorophenol	0.027	mg/kg		U	0		0.027		
2,4-Dimethylphenol	0.024	mg/kg		U	0		0.024		
2,4-Dinitrophenol	0.10	mg/kg		U	0		0.10		
2,4-Dinitrotoluene	0.022	mg/kg		U	0		0.022		
2,6-Dichlorophenol	0.023	mg/kg		U	0		0.023		
2,6-Dinitrotoluene	0.031	mg/kg		U	0		0.031		
2-Chloronaphthalene	0.016	mg/kg		U	0		0.016		
2-Chlorophenol	0.027	mg/kg		U	0		0.027		
2-Methylnaphthalene	0.04	mg/kg		U	0		0.04		
2-Methylphenol	0.030	mg/kg		U	0		0.030		
2-Nitroaniline	0.020	mg/kg		U	0		0.020		
2-Nitrophenol	0.023	mg/kg		U	0		0.023		
3 & 4-Methylphenol	0.030	mg/kg		U	0		0.030		
3,3'-Dichlorobenzidine	0.030	mg/kg		U	0		0.030		
3-Nitroaniline	0.015	mg/kg		U	0		0.015		
4,6-Dinitro-2-methylphenol	0.015	mg/kg		U	0		0.015		
4-Bromophenyl-phenyl ether	0.018	mg/kg		U	0		0.018		
4-Chloro-3-methylphenol	0.027	mg/kg		U	0		0.027		
4-Chloroaniline	0.010	mg/kg		U	0		0.010		
4-Chlorophenyl-phenyl ether	0.023	mg/kg		U	0		0.023		
4-Nitroaniline	0.03	mg/kg		U	0		0.03		
4-Nitrophenol	0.10	mg/kg		U	0		0.10		
Acenaphthene	0.023	mg/kg		U	0		0.023		
Acenaphthylene	0.024	mg/kg		U	0		0.024		
Acetophenone	0.026	mg/kg		U	0		0.026		
Aniline	0.011	mg/kg		U	0		0.011		
Anthracene	0.021	mg/kg		U	0		0.021		
Azobenzene & 1,2-Diphenylhydra	0.05	mg/kg		U	0		0.05		
Benzidine	0.4	mg/kg		U	0		0.4		
Benzo(a)anthracene	0.022	mg/kg		U	0		0.022		
Benzo(a)pyrene	0.020	mg/kg		U	0		0.020		
Benzo(b)fluoranthene	0.014	mg/kg		U	0		0.014		
Benzo(g,h,i)perylene	0.029	mg/kg		U	0		0.029		
Benzo(k)fluoranthene	0.017	mg/kg		U	0		0.017		
Benzyl alcohol	0.019	mg/kg		U	0		0.019		

**Method Blank Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOLID
CTLab #:	504415	Analysis Time:	11:41	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.021	mg/kg		U	0		0.021		
Bis(2-chloroethyl)ether	0.016	mg/kg		U	0		0.016		
Bis(2-chloroisopropyl)ether	0.025	mg/kg		U	0		0.025		
Bis(2-ethylhexyl)phthalate	0.019	mg/kg		U	0		0.019		
Butylbenzylphthalate	0.017	mg/kg		U	0		0.017		
Carbazole	0.027	mg/kg		U	0		0.027		
Chrysene	0.024	mg/kg		U	0		0.024		
Di-n-butylphthalate	0.021	mg/kg		U	0		0.021		
Di-n-octylphthalate	0.019	mg/kg		U	0		0.019		
Dibenzo(a,h)anthracene	0.022	mg/kg		U	0		0.022		
Dibenzofuran	0.020	mg/kg		U	0		0.020		
Diethylphthalate	0.020	mg/kg		U	0		0.020		
Dimethylphthalate	0.023	mg/kg		U	0		0.023		
Fluoranthene	0.021	mg/kg		U	0		0.021		
Fluorene	0.022	mg/kg		U	0		0.022		
Hexachlorobenzene	0.030	mg/kg		U	0		0.030		
Hexachlorobutadiene	0.028	mg/kg		U	0		0.028		
Hexachlorocyclopentadiene	0.015	mg/kg		U	0		0.015		
Hexachloroethane	0.025	mg/kg		U	0		0.025		
Hexachloropropene	0.024	mg/kg		U	0		0.024		
Indeno(1,2,3-cd)pyrene	0.024	mg/kg		U	0		0.024		
Isophorone	0.026	mg/kg		U	0		0.026		
N-Nitroso-di-n-propylamine	0.026	mg/kg		U	0		0.026		
N-Nitrosodimethylamine	0.027	mg/kg		U	0		0.027		
N-Nitrosodiphenylamine & Diphn	0.03	mg/kg		U	0		0.03		
N-Nitrosopyrrolidine	0.031	mg/kg		U	0		0.031		
Naphthalene	0.018	mg/kg		U	0		0.018		
Nitrobenzene	0.04	mg/kg		U	0		0.04		
Pentachlorophenol	0.021	mg/kg		U	0		0.021		
Phenanthrene	0.016	mg/kg		U	0		0.016		
Phenol	0.031	mg/kg		U	0		0.031		
Pyrene	0.018	mg/kg		U	0		0.018		
Pyridine	0.017	mg/kg		U	0		0.017		
Surr: 2,4,6-Tribromophenol	69.2	% Recovery			100	69.2	42 ---	117	
Surr: 2-Fluorobiphenyl	77.4	% Recovery			100	77.4	46 ---	111	
Surr: 2-Fluorophenol	68.9	% Recovery			100	68.9	30 ---	116	
Surr: Nitrobenzene-d5	79.8	% Recovery			100	79.8	36 ---	115	
Surr: Phenol-d5	75.7	% Recovery			100	75.7	39 ---	113	
Surr: Terphenyl-d14	80.6	% Recovery			100	80.6	39 ---	124	

**Matrix Spike Duplicate Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL
CTLab #:	504418	Analysis Time:	13:22	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:	504417	Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	1.51	mg/kg	BDL		2.26	67	38 --- 119	2	36
1,2,4-Trichlorobenzene	1.34	mg/kg	BDL		2.26	59	39 --- 108	0	35
1,2-Dichlorobenzene	1.33	mg/kg	BDL		2.26	59	34 --- 110	1	35
1,3-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33 --- 104	0	38
1,4-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33 --- 105	1	37
2,4,5-Trichlorophenol	0.822	mg/kg	BDL		2.26	36	33 --- 128	9	37
2,4,6-Trichlorophenol	1.47	mg/kg	BDL		2.26	65	29 --- 110	0	33
2,4-Dichlorophenol	1.23	mg/kg	BDL		2.26	54	34 --- 119	1	45
2,4-Dimethylphenol	1.57	mg/kg	BDL		2.26	69	15 --- 129	2	49
2,4-Dinitrophenol	0.395	mg/kg	BDL		2.26	17	1 --- 135	4	41
2,4-Dinitrotoluene	1.86	mg/kg	BDL		2.26	82	42 --- 123	3	35
2,6-Dichlorophenol	1.39	mg/kg	BDL		2.26	62	27 --- 129	4	42
2,6-Dinitrotoluene	1.74	mg/kg	BDL		2.26	77	41 --- 125	1	35
2-Chloronaphthalene	1.45	mg/kg	BDL		2.26	64	44 --- 108	0	34
2-Chlorophenol	1.31	mg/kg	BDL		2.26	58	32 --- 115	5	40
2-Methylnaphthalene	1.42	mg/kg	BDL		2.26	63	31 --- 120	2	36
2-Methylphenol	1.46	mg/kg	BDL		2.26	65	24 --- 124	1	41
2-Nitroaniline	1.76	mg/kg	BDL		2.26	78	35 --- 126	0	37
2-Nitrophenol	1.29	mg/kg	BDL		2.26	57	32 --- 110	0	35
3 & 4-Methylphenol	1.54	mg/kg	BDL		4.52	34	1 --- 146	1	42
3,3'-Dichlorobenzidine	2.33	mg/kg	BDL		2.26	103	1 --- 104	16	55
3-Nitroaniline	1.64	mg/kg	BDL		2.26	73	1 --- 108	3	40
4,6-Dinitro-2-methylphenol	1.42	mg/kg	BDL		2.26	63	1 --- 131	3	45
4-Bromophenyl-phenyl ether	1.85	mg/kg	BDL		2.26	82	46 --- 115	0	33
4-Chloro-3-methylphenol	1.32	mg/kg	BDL		2.26	58	33 --- 128	1	42
4-Chloroaniline	0.883	mg/kg	BDL		2.26	39	1 --- 88	1	52
4-Chlorophenyl-phenyl ether	1.76	mg/kg	BDL		2.26	78	47 --- 113	2	32
4-Nitroaniline	2.34	mg/kg	BDL		2.26	104	9 --- 124	2	40
4-Nitrophenol	1.16	mg/kg	BDL		2.26	51	10 --- 138	13	44
Acenaphthene	1.62	mg/kg	BDL		2.26	72	40 --- 119	1	34
Acenaphthylene	1.60	mg/kg	BDL		2.26	71	41 --- 118	1	34
Acetophenone	1.48	mg/kg	BDL		2.26	65	30 --- 135	2	35
Aniline	0.594	mg/kg	BDL		2.26	26	2 --- 78	7	55
Anthracene	1.83	mg/kg	BDL		2.26	81	37 --- 131	2	33
Azobenzene & 1,2-Diphenylhydra	3.42	mg/kg	BDL		4.52	76	44 --- 120	6	37
Benzidine	0.452	mg/kg	BDL	U	2.26	4	22 --- 51	200	39
Benzo(a)anthracene	2.12	mg/kg	BDL		2.26	94	30 --- 133	1	38
Benzo(a)pyrene	2.00	mg/kg	BDL		2.26	88	23 --- 137	2	39
Benzo(b)fluoranthene	1.93	mg/kg	BDL		2.26	85	27 --- 142	11	44
Benzo(g,h,i)perylene	1.56	mg/kg	BDL		2.26	69	4 --- 132	4	37
Benzo(k)fluoranthene	2.22	mg/kg	BDL		2.26	98	26 --- 138	3	42
Bis(2-chloroethoxy)methane	1.50	mg/kg	BDL		2.26	66	37 --- 116	4	36



**Matrix Spike Duplicate Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL
CTLab #:	504418	Analysis Time:	13:22	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:	504417	Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	1.37	mg/kg	BDL		2.26	61	36 --- 114	5	38
Bis(2-chloroisopropyl)ether	1.32	mg/kg	BDL		2.26	58	28 --- 125	3	38
Bis(2-ethylhexyl)phthalate	1.89	mg/kg	0.051		2.26	81	37 --- 132	0	39
Butylbenzylphthalate	1.99	mg/kg	BDL		2.26	88	36 --- 139	3	35
Carbazole	2.10	mg/kg	BDL		2.26	93	37 --- 125	3	37
Chrysene	2.22	mg/kg	BDL		2.26	98	33 --- 127	2	38
Di-n-butylphthalate	1.90	mg/kg	BDL		2.26	84	39 --- 134	1	33
Di-n-octylphthalate	1.82	mg/kg	BDL		2.26	81	44 --- 128	2	32
Dibenzo(a,h)anthracene	1.96	mg/kg	BDL		2.26	87	10 --- 136	2	38
Dibenzofuran	1.67	mg/kg	BDL		2.26	74	40 --- 115	0	35
Diethylphthalate	1.89	mg/kg	BDL		2.26	84	49 --- 120	1	33
Dimethylphthalate	1.81	mg/kg	BDL		2.26	80	47 --- 110	2	33
Fluoranthene	1.86	mg/kg	BDL		2.26	82	28 --- 137	2	37
Fluorene	1.73	mg/kg	BDL		2.26	77	43 --- 123	0	35
Hexachlorobenzene	1.84	mg/kg	BDL		2.26	81	44 --- 116	0	34
Hexachlorobutadiene	1.29	mg/kg	BDL		2.26	57	34 --- 111	2	34
Hexachlorocyclopentadiene	1.02	mg/kg	BDL		2.26	45	3 --- 123	1	47
Hexachloroethane	1.34	mg/kg	BDL		2.26	59	23 --- 117	2	38
Hexachloropropene	1.11	mg/kg	BDL		2.26	49	5 --- 134	2	43
Indeno(1,2,3-cd)pyrene	1.88	mg/kg	BDL		2.26	83	7 --- 133	2	39
Isophorone	1.50	mg/kg	BDL		2.26	66	37 --- 107	4	34
N-Nitroso-di-n-propylamine	1.54	mg/kg	BDL		2.26	68	33 --- 127	1	32
N-Nitrosodimethylamine	1.43	mg/kg	BDL		2.26	63	12 --- 130	4	44
N-Nitrosodiphenylamine & Diphn	3.55	mg/kg	BDL		4.52	79	38 --- 117	1	35
N-Nitrosopyrrolidine	1.53	mg/kg	BDL		2.26	68	33 --- 116	3	37
Naphthalene	1.39	mg/kg	BDL		2.26	62	39 --- 118	1	35
Nitrobenzene	1.48	mg/kg	BDL		2.26	65	34 --- 117	1	38
Pentachlorophenol	0.503	mg/kg	BDL		2.26	22	5 --- 134	11	35
Phenanthrene	1.80	mg/kg	BDL		2.26	80	40 --- 125	2	37
Phenol	1.36	mg/kg	BDL		2.26	60	28 --- 116	1	44
Pyrene	2.01	mg/kg	BDL		2.26	89	32 --- 133	0	36
Pyridine	0.947	mg/kg	BDL		2.26	42	11 --- 97	1	50
Surr: 2,4,6-Tribromophenol	75.0	% Recovery			100	75.0	50 --- 109		
Surr: 2-Fluorobiphenyl	66.2	% Recovery			100	66.2	37 --- 99		
Surr: 2-Fluorophenol	53.8	% Recovery			100	53.8	29 --- 108		
Surr: Nitrobenzene-d5	64.0	% Recovery			100	64.0	31 --- 102		
Surr: Phenol-d5	59.7	% Recovery			100	59.7	29 --- 120		
Surr: Terphenyl-d14	90.0	% Recovery			100	90.0	48 --- 106		

**Matrix Spike Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL
CTLab #:	504417	Analysis Time:	13:02	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:	504333	Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	1.49	mg/kg	BDL		2.26	66	38 --- 119		
1,2,4-Trichlorobenzene	1.34	mg/kg	BDL		2.26	59	39 --- 108		
1,2-Dichlorobenzene	1.35	mg/kg	BDL		2.26	60	34 --- 110		
1,3-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33 --- 104		
1,4-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33 --- 105		
2,4,5-Trichlorophenol	0.904	mg/kg	BDL		2.26	40	33 --- 128		
2,4,6-Trichlorophenol	1.47	mg/kg	BDL		2.26	65	29 --- 110		
2,4-Dichlorophenol	1.22	mg/kg	BDL		2.26	54	34 --- 119		
2,4-Dimethylphenol	1.54	mg/kg	BDL		2.26	68	15 --- 129		
2,4-Dinitrophenol	0.379	mg/kg	BDL		2.26	17	1 --- 135		
2,4-Dinitrotoluene	1.93	mg/kg	BDL		2.26	85	42 --- 123		
2,6-Dichlorophenol	1.33	mg/kg	BDL		2.26	59	27 --- 129		
2,6-Dinitrotoluene	1.76	mg/kg	BDL		2.26	78	41 --- 125		
2-Chloronaphthalene	1.46	mg/kg	BDL		2.26	65	44 --- 108		
2-Chlorophenol	1.37	mg/kg	BDL		2.26	61	32 --- 115		
2-Methylnaphthalene	1.39	mg/kg	BDL		2.26	62	31 --- 120		
2-Methylphenol	1.45	mg/kg	BDL		2.26	64	24 --- 124		
2-Nitroaniline	1.76	mg/kg	BDL		2.26	78	35 --- 126		
2-Nitrophenol	1.30	mg/kg	BDL		2.26	58	32 --- 110		
3 & 4-Methylphenol	1.53	mg/kg	BDL		4.52	34	1 --- 146		
3,3'-Dichlorobenzidine	1.99	mg/kg	BDL		2.26	88	1 --- 104		
3-Nitroaniline	1.59	mg/kg	BDL		2.26	70	1 --- 108		
4,6-Dinitro-2-methylphenol	1.47	mg/kg	BDL		2.26	65	1 --- 131		
4-Bromophenyl-phenyl ether	1.85	mg/kg	BDL		2.26	82	46 --- 115		
4-Chloro-3-methylphenol	1.33	mg/kg	BDL		2.26	59	33 --- 128		
4-Chloroaniline	0.896	mg/kg	BDL		2.26	40	1 --- 88		
4-Chlorophenyl-phenyl ether	1.72	mg/kg	BDL		2.26	76	47 --- 113		
4-Nitroaniline	2.39	mg/kg	BDL		2.26	106	9 --- 124		
4-Nitrophenol	1.01	mg/kg	BDL		2.26	45	10 --- 138		
Acenaphthene	1.61	mg/kg	BDL		2.26	71	40 --- 119		
Acenaphthylene	1.58	mg/kg	BDL		2.26	70	41 --- 118		
Acetophenone	1.52	mg/kg	BDL		2.26	67	30 --- 135		
Aniline	0.637	mg/kg	BDL		2.26	28	2 --- 78		
Anthracene	1.88	mg/kg	BDL		2.26	83	37 --- 131		
Azobenzene & 1,2-Diphenylhydra	3.24	mg/kg	BDL		4.52	72	44 --- 120		
Benzidine	0.452	mg/kg	BDL	U	2.26	0	22 --- 51		
Benzo(a)anthracene	2.12	mg/kg	BDL		2.26	94	30 --- 133		
Benzo(a)pyrene	2.05	mg/kg	BDL		2.26	91	23 --- 137		
Benzo(b)fluoranthene	2.17	mg/kg	BDL		2.26	96	27 --- 142		
Benzo(g,h,i)perylene	1.62	mg/kg	BDL		2.26	72	4 --- 132		
Benzo(k)fluoranthene	2.16	mg/kg	BDL		2.26	96	26 --- 138		
Bis(2-chloroethoxy)methane	1.45	mg/kg	BDL		2.26	64	37 --- 116		

**Matrix Spike Soil**

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL
CTLab #:	504417	Analysis Time:	13:02	Prep Date/Time:	10/02/2014 3:30	Method:	SW8270
Parent Sample #:	504333	Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	1.43	mg/kg	BDL		2.26	63	36 --- 114		
Bis(2-chloroisopropyl)ether	1.36	mg/kg	BDL		2.26	60	28 --- 125		
Bis(2-ethylhexyl)phthalate	1.90	mg/kg	0.051		2.26	82	37 --- 132		
Butylbenzylphthalate	2.05	mg/kg	BDL		2.26	91	36 --- 139		
Carbazole	2.17	mg/kg	BDL		2.26	96	37 --- 125		
Chrysene	2.17	mg/kg	BDL		2.26	96	33 --- 127		
Di-n-butylphthalate	1.89	mg/kg	BDL		2.26	84	39 --- 134		
Di-n-octylphthalate	1.86	mg/kg	BDL		2.26	82	44 --- 128		
Dibenzo(a,h)anthracene	2.01	mg/kg	BDL		2.26	89	10 --- 136		
Dibenzofuran	1.68	mg/kg	BDL		2.26	74	40 --- 115		
Diethylphthalate	1.87	mg/kg	BDL		2.26	83	49 --- 120		
Dimethylphthalate	1.77	mg/kg	BDL		2.26	78	47 --- 110		
Fluoranthene	1.91	mg/kg	BDL		2.26	85	28 --- 137		
Fluorene	1.73	mg/kg	BDL		2.26	77	43 --- 123		
Hexachlorobenzene	1.85	mg/kg	BDL		2.26	82	44 --- 116		
Hexachlorobutadiene	1.31	mg/kg	BDL		2.26	58	34 --- 111		
Hexachlorocyclopentadiene	1.01	mg/kg	BDL		2.26	45	3 --- 123		
Hexachloroethane	1.38	mg/kg	BDL		2.26	61	23 --- 117		
Hexachloropropene	1.14	mg/kg	BDL		2.26	50	5 --- 134		
Indeno(1,2,3-cd)pyrene	1.91	mg/kg	BDL		2.26	85	7 --- 133		
Isophorone	1.44	mg/kg	BDL		2.26	64	37 --- 107		
N-Nitroso-di-n-propylamine	1.52	mg/kg	BDL		2.26	67	33 --- 127		
N-Nitrosodimethylamine	1.37	mg/kg	BDL		2.26	61	12 --- 130		
N-Nitrosodiphenylamine & Diphn	3.52	mg/kg	BDL		4.52	78	38 --- 117		
N-Nitrosopyrrolidine	1.49	mg/kg	BDL		2.26	66	33 --- 116		
Naphthalene	1.38	mg/kg	BDL		2.26	61	39 --- 118		
Nitrobenzene	1.50	mg/kg	BDL		2.26	66	34 --- 117		
Pentachlorophenol	0.564	mg/kg	BDL		2.26	25	5 --- 134		
Phenanthrene	1.76	mg/kg	BDL		2.26	78	40 --- 125		
Phenol	1.37	mg/kg	BDL		2.26	61	28 --- 116		
Pyrene	2.01	mg/kg	BDL		2.26	89	32 --- 133		
Pyridine	0.941	mg/kg	BDL		2.26	42	11 --- 97		
Surr: 2,4,6-Tribromophenol	74.1	% Recovery			100	74.1	50 --- 109		
Surr: 2-Fluorobiphenyl	63.6	% Recovery			100	63.6	37 --- 99		
Surr: 2-Fluorophenol	55.3	% Recovery			100	55.3	29 --- 108		
Surr: Nitrobenzene-d5	64.2	% Recovery			100	64.2	31 --- 102		
Surr: Phenol-d5	60.7	% Recovery			100	60.7	29 --- 120		
Surr: Terphenyl-d14	89.6	% Recovery			100	89.6	48 --- 106		

CTI &amp; ASSOCIATES

Project Name: MOLINE STREET

SDG #: 0

Folder #: 107209

Project Number: 2146090001

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**Lab Control Spike Soil**

Analytical Run #:	108987	Analysis Date:	10/6/2014	Prep Batch #:	49894	Matrix:	SOLID
CTLab #:	504425	Analysis Time:	11:07	Prep Date/Time:	10/02/2014 3:30	Method:	SW8082
Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Aroclor-1016	0.526	mg/kg			0.500	105	58 --- 131		27
Aroclor-1260	0.535	mg/kg			0.500	107	63 --- 129		31
Surr: 2,4,5,6-TCMX	102	%			100	102	53 --- 147		20
Surr: DCBP	110	%			100	110	65 --- 141		20



**Method Blank Soil**

Analytical Run #:	108987	Analysis Date:	10/6/2014	Prep Batch #:	49894	Matrix:	SOLID
CTLab #:	504424	Analysis Time:	10:47	Prep Date/Time:	10/02/2014 3:30	Method:	SW8082
Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Aroclor-1016	0.010	mg/kg		U	0		0.010		
Aroclor-1221	0.011	mg/kg		U	0		0.011		
Aroclor-1232	0.008	mg/kg		U	0		0.008		
Aroclor-1242	0.004	mg/kg		U	0		0.004		
Aroclor-1248	0.003	mg/kg		U	0		0.003		
Aroclor-1254	0.005	mg/kg		U	0		0.005		
Aroclor-1260	0.011	mg/kg		U	0		0.011		
Surr: 2,4,5,6-TCMX	99.5	%			100	99.5	53 --- 147		
Surr: DCBP	111	%			100	111	65 --- 141		

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**Matrix Spike Duplicate Soil**

Analytical Run #:	108987	Analysis Date:	10/6/2014	Prep Batch #:	49894	Matrix:	SOIL
CTLab #:	504428	Analysis Time:	12:25	Prep Date/Time:	10/02/2014 3:30	Method:	SW8082
Parent Sample #:	504427	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Aroclor-1016	0.590	mg/kg	BDL		0.567	104	48 --- 151	2	40
Aroclor-1260	0.598	mg/kg	BDL		0.567	105	51 --- 143	0	38
Surr: 2,4,5,6-TCMX	97.1	% Recovery			100	97.1	54 --- 135		
Surr: DCBP	105	% Recovery			100	105	54 --- 141		

CTI &amp; ASSOCIATES

Project Name: MOLINE STREET

SDG #: 0

Folder #: 107209

Project Number: 2146090001

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**Matrix Spike Soil**

Analytical Run #:	108987	Analysis Date:	10/6/2014	Prep Batch #:	49894	Matrix:	SOIL
CTLab #:	504427	Analysis Time:	12:06	Prep Date/Time:	10/02/2014 3:30	Method:	SW8082
Parent Sample #:	504333	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Aroclor-1016	0.573	mg/kg	BDL		0.560	102	48 --- 151		
Aroclor-1260	0.592	mg/kg	BDL		0.560	106	51 --- 143		
Surr: 2,4,5,6-TCMX	94.8	% Recovery			100	94.8	54 --- 135		
Surr: DCBP	107	% Recovery			100	107	54 --- 141		

**Lab Control Spike Soil**

Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOLID
CTLab #:	504420	Analysis Time:	22:01	Prep Date/Time:	10/02/2014 3:30	Method:	SW8081
Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
4,4'-DDD	0.0416	mg/kg			0.0400	104	63 --- 129		20
4,4'-DDE	0.0408	mg/kg			0.0400	102	66 --- 125		20
4,4'-DDT	0.0413	mg/kg			0.0400	103	57 --- 146		20
Aldrin	0.0386	mg/kg			0.0400	96	59 --- 122		20
alpha-BHC	0.0392	mg/kg			0.0400	98	59 --- 125		20
alpha-Chlordane	0.0389	mg/kg			0.0400	97	62 --- 123		20
beta-BHC	0.0394	mg/kg			0.0400	98	61 --- 125		20
Chlordane (Technical)	0.234	mg/kg			0.250	94	53 --- 130		20
delta-BHC	0.0405	mg/kg			0.0400	101	49 --- 128		20
Dieldrin	0.0396	mg/kg			0.0400	99	61 --- 126		20
Endosulfan I	0.0388	mg/kg			0.0400	97	58 --- 123		20
Endosulfan II	0.0407	mg/kg			0.0400	102	63 --- 122		20
Endosulfan sulfate	0.0405	mg/kg			0.0400	101	57 --- 124		20
Endrin	0.0400	mg/kg			0.0400	100	59 --- 135		20
Endrin aldehyde	0.0387	mg/kg			0.0400	97	38 --- 123		20
Endrin ketone	0.0403	mg/kg			0.0400	101	58 --- 132		20
gamma-Chlordane	0.0379	mg/kg			0.0400	95	64 --- 122		20
Heptachlor	0.0395	mg/kg			0.0400	99	63 --- 128		20
Heptachlor epoxide	0.0392	mg/kg			0.0400	98	62 --- 122		20
Lindane	0.0385	mg/kg			0.0400	96	60 --- 124		20
Methoxychlor	0.0405	mg/kg			0.0400	101	58 --- 149		20
SURR:2,4,5,6-CL4-m-xylene	93.3	% Recovery			100	93.3	56 --- 120		
SURR:Decachlorobiphenyl	99.2	% Recovery			100	99.2	49 --- 135		
Toxaphene	0.235	mg/kg			0.250	94	44 --- 152		20



**Method Blank Soil**

Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOLID
CTLab #:	504419	Analysis Time:	21:43	Prep Date/Time:	10/02/2014 3:30	Method:	SW8081
Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
4,4'-DDD	0.0011	mg/kg		U	0		.0011		
4,4'-DDE	0.0011	mg/kg		U	0		.0011		
4,4'-DDT	0.0010	mg/kg		U	0		.0010		
Aldrin	0.0008	mg/kg		U	0		.0008		
alpha-BHC	0.0004	mg/kg		U	0		.0004		
alpha-Chlordane	0.0005	mg/kg		U	0		.0005		
beta-BHC	0.0008	mg/kg		U	0		.0008		
Chlordane (Technical)	0.005	mg/kg		U	0		0.005		
delta-BHC	0.0007	mg/kg		U	0		.0007		
Dieldrin	0.0006	mg/kg		U	0		.0006		
Endosulfan I	0.0006	mg/kg		U	0		.0006		
Endosulfan II	0.0006	mg/kg		U	0		.0006		
Endosulfan sulfate	0.0013	mg/kg		U	0		.0013		
Endrin	0.0006	mg/kg		U	0		.0006		
Endrin aldehyde	0.0011	mg/kg		U	0		.0011		
Endrin ketone	0.0015	mg/kg		U	0		.0015		
gamma-Chlordane	0.0005	mg/kg		U	0		.0005		
Heptachlor	0.0019	mg/kg		U	0		.0019		
Heptachlor epoxide	0.0008	mg/kg		U	0		.0008		
Lindane	0.0005	mg/kg		U	0		.0005		
Methoxychlor	0.0010	mg/kg		U	0		.0010		
SURR:2,4,5,6-CL4-m-xylene	91.5	% Recovery			100	91.5	56 --- 120		
SURR:Decachlorobiphenyl	97.4	% Recovery			100	97.4	49 --- 135		
Toxaphene	0.009	mg/kg		U	0		0.009		

**Matrix Spike Duplicate Soil**

Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOIL
CTLab #:	504423	Analysis Time:	23:30	Prep Date/Time:	10/02/2014 3:30	Method:	SW8081
Parent Sample #:	504422	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
4,4'-DDD	0.0452	mg/kg	BDL		0.0454	100	41 --- 139	7	21
4,4'-DDE	0.0411	mg/kg	0.0024		0.0454	85	35 --- 141	6	29
4,4'-DDT	0.0464	mg/kg	BDL		0.0454	102	40 --- 153	8	39
Aldrin	0.0383	mg/kg	BDL		0.0454	84	39 --- 132	4	31
alpha-BHC	0.0386	mg/kg	BDL		0.0454	85	34 --- 140	5	31
alpha-Chlordane	0.0386	mg/kg	0.00068		0.0454	84	41 --- 131	6	37
beta-BHC	0.0409	mg/kg	0.0026		0.0454	84	35 --- 143	4	40
delta-BHC	0.0382	mg/kg	BDL		0.0454	84	28 --- 129	12	32
Dieldrin	0.0403	mg/kg	0.0014		0.0454	86	40 --- 135	5	33
Endosulfan I	0.0385	mg/kg	BDL		0.0454	85	42 --- 130	6	39
Endosulfan II	0.0417	mg/kg	0.0011		0.0454	89	45 --- 135	6	32
Endosulfan sulfate	0.0422	mg/kg	BDL		0.0454	93	32 --- 142	6	36
Endrin	0.0437	mg/kg	0.0010		0.0454	94	40 --- 155	6	43
Endrin aldehyde	0.0382	mg/kg	BDL		0.0454	84	26 --- 132	9	35
Endrin ketone	0.0424	mg/kg	0.0034		0.0454	86	37 --- 150	6	30
gamma-Chlordane	0.0361	mg/kg	BDL		0.0454	80	40 --- 135	8	38
Heptachlor	0.0408	mg/kg	BDL		0.0454	90	38 --- 151	5	28
Heptachlor epoxide	0.0402	mg/kg	0.0024		0.0454	83	45 --- 128	5	36
Lindane	0.0384	mg/kg	BDL		0.0454	85	39 --- 136	5	39
Methoxychlor	0.0464	mg/kg	BDL		0.0454	102	38 --- 159	8	42
SURR:2,4,5,6-CL4-m-xylene	80.6	% Recovery			100	80.6	39 --- 131		
SURR:Decachlorobiphenyl	73.9	% Recovery			100	73.9	40 --- 138		38

**Matrix Spike Soil**

Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOIL
CTLab #:	504422	Analysis Time:	23:12	Prep Date/Time:	10/02/2014 3:30	Method:	SW8081
Parent Sample #:	504333	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
4,4'-DDD	0.0484	mg/kg	BDL		0.0454	107	41 --- 139		
4,4'-DDE	0.0437	mg/kg	BDL		0.0454	96	35 --- 141		
4,4'-DDT	0.0500	mg/kg	BDL		0.0454	110	40 --- 153		
Aldrin	0.0397	mg/kg	BDL		0.0454	87	39 --- 132		
alpha-BHC	0.0406	mg/kg	BDL		0.0454	89	34 --- 140		
alpha-Chlordane	0.0408	mg/kg	BDL		0.0454	90	41 --- 131		
beta-BHC	0.0427	mg/kg	BDL		0.0454	94	35 --- 143		
delta-BHC	0.0430	mg/kg	BDL		0.0454	95	28 --- 129		
Dieldrin	0.0425	mg/kg	BDL		0.0454	94	40 --- 135		
Endosulfan I	0.0407	mg/kg	BDL		0.0454	90	42 --- 130		
Endosulfan II	0.0442	mg/kg	BDL		0.0454	97	45 --- 135		
Endosulfan sulfate	0.0449	mg/kg	BDL		0.0454	99	32 --- 142		
Endrin	0.0464	mg/kg	0.0010		0.0454	100	40 --- 155		
Endrin aldehyde	0.0417	mg/kg	BDL		0.0454	92	26 --- 132		
Endrin ketone	0.0450	mg/kg	0.0034		0.0454	92	37 --- 150		
gamma-Chlordane	0.0389	mg/kg	BDL		0.0454	86	40 --- 135		
Heptachlor	0.0428	mg/kg	BDL		0.0454	94	38 --- 151		
Heptachlor epoxide	0.0423	mg/kg	0.0024		0.0454	88	45 --- 128		
Lindane	0.0403	mg/kg	BDL		0.0454	89	39 --- 136		
Methoxychlor	0.0501	mg/kg	BDL		0.0454	110	38 --- 159		
SURR:2,4,5,6-CL4-m-xylene	82.6	% Recovery			100	82.6	39 --- 131		
SURR:Decachlorobiphenyl	80.9	% Recovery			100	80.9	40 --- 138		

## Sample Condition Report

Folder #: 107209	Print Date / Time: 10/03/2014 09:26
Client: CTI & ASSOCIATES	Received Date / Time / By: 10/02/2014 1050 JLS
Project Name: MOLINE STREET	Log-In Date / Time / By: 10/02/2014 1059 JLS
Project Phase:	Project #: 2146090001 PM: PML
Coolers: THEIRS	Temperature: 4.8 C On Ice: Y
Custody Seals Present :	COC Present:? Y Complete? Y
Seal Intact?	Numbers:
Ship Method:	Tracking Number:
Adequate Packaging: Y	Temp Blank Enclosed?

Notes: THE SAMPLES WERE RECEIVED INTACT AND ON ICE.

THE HERBICIDES WERE SENT DIRECTLY TO THE SUBLAB, MICROBAC, AND THEY RECEIVED THEIR SAMPLES INTACT.

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
504333 MOLINE-10-01-14-MM-S1	MISC	1	/	%SOL,HG,ICP,voc
	Total # of Containers of Type ( MISC ) = 1			
504333 MOLINE-10-01-14-MM-S1	MISC	1	/	8270,HERB,PCB,PEST
	Total # of Containers of Type ( MISC ) = 1			
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
504334 MOLINE-10-01-14-MM-S2	MISC	1	/	%SOL,HG,ICP,voc
	Total # of Containers of Type ( MISC ) = 1			
504334 MOLINE-10-01-14-MM-S2	MISC	1	/	8270,HERB,PCB,PEST
	Total # of Containers of Type ( MISC ) = 1			
<div>Condition Code    Condition Description</div> <div>1                    Sample Received OK</div>				



**Laboratory Report Number:** L14100125

Patrick Letterer  
CT Laboratories  
1230 Lange Court  
Baraboo, WI 53913

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac's Ohio Valley Division (OVD). If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed below.

Laboratory Contact:  
Stephanie Mossburg – Team Chemist/Data Specialist  
(740) 373-4071  
Stephanie.Mossburg@microbac.com

*I certify that all test results meet all of the requirements of the DoD QSM and other applicable contract terms and conditions. Any exceptions are attached to this cover page or addressed in the method narratives presented in the report. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories, DoD ELAP certification number 2936.01. The reported results are related only to the samples analyzed as received.*

This report was certified on October 08 2014



David Vandenberg – Managing Director

State of Origin: US  
Accrediting Authority: N/A ID:N/A  
QAPP: DOD Ver 4.1



Microbac Laboratories \* Ohio Valley Division  
158 Starlite Drive, Marietta, OH 45750 \* T: (740) 373-4071 F: (740) 373-4835 \* www.microbac.com

## Record of Sample Receipt and Inspection

### Comments/Discrepancies

This is the record of the shipment conditions and the inspection records for the samples received and reported as a sample delivery group (SDG). All of the samples were inspected and observed to conform to our receipt policies, except as noted below.

There were no discrepancies.

Discrepancy	Resolution
-------------	------------

### Coolers

Cooler #	Temperature Gun	Temperature	COC #	Airbill #	Temp Required?
0019998	I	3.0		1001891750160004575000771352066917	X

### Inspection Checklist

#	Question	Result
1	Were shipping coolers sealed?	Yes
2	Were custody seals intact?	Yes
3	Were cooler temperatures in range of 0-6?	Yes
4	Was ice present?	Yes
5	Were COC's received/information complete/signed and dated?	Yes
6	Were sample containers intact and match COC?	Yes
7	Were sample labels intact and match COC?	Yes
8	Were the correct containers and volumes received?	Yes
9	Were samples received within EPA hold times?	Yes
10	Were correct preservatives used? (water only)	NA
11	Were pH ranges acceptable? (voa's excluded)	NA
12	Were VOA samples free of headspace (less than 6mm)?	NA

**Lab Report #:** L14100125

**Lab Project #:** 2694.006

**Project Name:** CT Labs Misc

**Lab Contact:** Stephanie Mossburg

#### Samples Received

Client ID	Laboratory ID	Date Collected	Date Received
MOLINE-10-01-14-MM-S1	L14100125-01	10/01/2014 12:30	10/02/2014 10:36
MOLINE-10-01-14-MM-S2	L14100125-02	10/01/2014 12:30	10/02/2014 10:36



**Login Number:** L14100125  
**Department:** General Chromatography  
**Analyst:** Eric Lawson

## METHOD

**Analysis** SW-846 8151A

## HOLDING TIMES

**Sample Preparation:** All holding times were met.

**Sample Analysis:** All holding times were met.

## PREPARATION

Sample preparation proceeded normally.

## CALIBRATION

**Initial Calibration:** For all compounds that yielded a %RSD greater than 20%, linear or higher order equations were applied. All acceptance criteria were met.

**Alternate Source Standards:** All acceptance criteria were met.

**Continuing Calibration and Tune:** All acceptance criteria were met.

## BATCH QA/QC

**Method Blank:** All acceptance criteria were met.

**Laboratory Control Sample:** There were no hits in the samples associated with this LCS.

Sample #	Analyte	Date	Result	Lower	Upper	Type
WG495005-02	Dicamba	2014-10-07 13:42:00	389	55	110	Recovery
WG495005-02	Dichloroprop	2014-10-07 13:42:00	74.0	75	140	Recovery

**Matrix Spikes:** The client did not specify an MS/MSD for this sample delivery group. The laboratory selected sample 01 for MS/MSD analysis and recoveries out of range were observed for Dichloroprop. Please see the applicable QC report for a detailed presentation of the failures.



## SAMPLES

**Samples:** All acceptance criteria were met.

**Surrogates:** All acceptance criteria were met.

## Manual Integration Reason Codes

**Reason #1: Data System Fails to Select Correct Peak** In some cases the chromatography system selects and integrates the 'wrong peak'. In this case the analyst must correct the selection and force the system to integrate the proper peak. Other times the system may miss the peak completely.

**Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak** This phenomena is common at low concentrations where the signal:noise ratio is low. A single compound (peak) is incorrectly split into multiple peaks or integrated as a main peak with one or more rider peaks resulting in low areacounts for the target compound.

**Reason #3: Improperly Integrated Isomers and/or coeluting compounds.** This system often fails to distinguish coeluting compounds and or isomers. The integration areas and concentrations are wrong, and they must be corrected by manual integration. Prime examples are benzo(k)fluoranthene and benzo(b)fluoranthene which are often unresolved and integrated improperly when both are present at low concentrations in standards or samples.

**Reason #4: System Establishes Incorrect Baseline** There are numerous situations in chromatography where the system establishes the baseline incorrectly. Some baseline errors will be obvious to the analyst and should be corrected via manual procedures.

**Reason #5: Miscellaneous** Other situations involving integration errors may require in-depth review and technical judgment. These cases should be brought to the attention of the laboratory management. If the form of manual integration is not clearly covered by these four cases, then review and approval by the Laboratory Director or the QA/QC Supervisor will be required.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Microbac Laboratories Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

**Narrative ID:** 89823

**Approved By:** Jeremy Kinney



## Certificate of Analysis

Sample #: L14100125-01

PrePrep Method: N/A

Instrument: HP17

Client ID: MOLINE-10-01-14-MM-S1

Prep Method: METHOD

Prep Date: 10/03/2014 08:45

Matrix: Soil

Analytical Method: 8151A

Cal Date: 08/22/2014 15:55

Workgroup #: WG495271

Analyst: ECL

Run Date: 10/07/2014 15:01

Collect Date: 10/01/2014 12:30

Dilution: 1

File ID: 17G17963.R

Sample Tag: 01

Units: ug/kg

Percent Solid: 82.2

Analyte	CAS #	Result	Qual	LOQ	LOD
2,4-D	94-75-7		U	46.8	23.4
2,4-DB	94-82-6		U	46.8	23.4
2,4,5-T	93-76-5		U	4.68	2.34
2,4,5-TP (Silvex)	93-72-1		U	3.51	1.75
Dalapon	75-99-0		U	117	58.5
Dicamba	1918-00-9		U	4.68	2.34
Dichloroprop	120-36-5		U	46.8	23.4
Dinoseb	88-85-7		U	23.4	11.7
MCPA	94-74-6		U	4680	2340
MCPD	93-65-2		U	4680	2340
Surrogate	Recovery	Lower Limit	Upper Limit	Q	
2,4-Dichlorophenylacetic acid	37.8	25	110		
U	Analyte was not detected. The concentration is below the reported LOD.				

Sample #: L14100125-02

PrePrep Method: N/A

Instrument: HP17

Client ID: MOLINE-10-01-14-MM-S2

Prep Method: METHOD

Prep Date: 10/03/2014 08:45

Matrix: Soil

Analytical Method: 8151A

Cal Date: 08/22/2014 15:55

Workgroup #: WG495271

Analyst: ECL

Run Date: 10/07/2014 16:20

Collect Date: 10/01/2014 12:30

Dilution: 1

File ID: 17G17966.R

Sample Tag: 01

Units: ug/kg

Percent Solid: 87.7

Analyte	CAS #	Result	Qual	LOQ	LOD
2,4-D	94-75-7		U	44.5	22.3
2,4-DB	94-82-6		U	44.5	22.3
2,4,5-T	93-76-5		U	4.45	2.23
2,4,5-TP (Silvex)	93-72-1		U	3.34	1.67
Dalapon	75-99-0		U	111	55.6
Dicamba	1918-00-9		U	4.45	2.23
Dichloroprop	120-36-5		U	44.5	22.3
Dinoseb	88-85-7		U	22.3	11.1
MCPA	94-74-6		U	4450	2230
MCPD	93-65-2		U	4450	2230
Surrogate	Recovery	Lower Limit	Upper Limit	Q	

### Certificate of Analysis

2,4-Dichlorophenylacetic acid	65.4	25	110	
U	Analyte was not detected. The concentration is below the reported LOD.			

Sample #:	L14100125-01	Client ID:	MOLINE-10-01-14-MM-S1	Matrix:	Soil	Collect Date:	10/01/2014 12:30
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Analyte	Result	Units	Qualifier
Percent Solids	82.2	weight %	

Sample #:	L14100125-02	Client ID:	MOLINE-10-01-14-MM-S2	Matrix:	Soil	Collect Date:	10/01/2014 12:30
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Analyte	Result	Units	Qualifier
Percent Solids	87.7	weight %	



Microbac Laboratories Inc.  
Ohio Valley Division Analyst List  
October 8, 2014

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001 - BIO-CHEM TESTING WVDEP 220	002 - REIC Consultants, Inc. WVDEP 060
003 - Sturm Environmental	004 - MICROBAC PITTSBURGH
005 - ES LABORATORIES	006 - ALCOSAN LABORATORIES
007 - ALS LABORATORIES	008 - BENCHMARK LABORATORIES
010 - MICROBAC CHICAGOLAND	ADC - ANTHONY D. CANTER
ADG - APRIL D. GREENE	ALS - ADRIANE L. STEED
AWE - ANDREW W. ESSIG	AZH - AFTER HOURS
BJO - BRIAN J. OGDEN	BKT - BRENDAN TORRENCE
BLG - BRENDA L. GREENWALT	BRG - BRENDA R. GREGORY
CAA - CASSIE A. AUGENSTEIN	CAF - CHERYL A. FLOWERS
CEB - CHAD E. BARNES	CJR - COURTNEY J. REXROAD
CLC - CHRYS L. CRAWFORD	CLS - CARA L. STRICKLER
CLW - CHARISSA L. WINTERS	CPD - CHAD P. DAVIS
CSH - CHRIS S. HILL	DAK - DEAN A. KETELSEN
DCM - DAVID C. MERCKLE	DEV - DAVID E. VANDENBERG
DIH - DEANNA I. HESSON	DLB - DAVID L. BUMGARNER
DLP - DOROTHY L. PAYNE	DSM - DAVID S. MOSSOR
ECL - ERIC C. LAWSON	ENY - EMILY N. YOAK
EPT - ETHAN P. TIDD	ERP - ERIN R. PORTER
FJB - FRANCES J. BOLDEN	JBK - JEREMY B. KINNEY
JDH - JUSTIN D. HESSON	JDS - JARED D. SMITH
JJS - JOHN J. STE MARIE	JLL - JOHN L. LENT
JMW - JEANA M. WHITE	JTP - JOSHUA T. PEMBERTON
JWR - JOHN W. RICHARDS	JWS - JACK W. SHEAVES
JYH - JI Y. HU	KAJ - KELLIE A. JOHNSON
KDW - KATHRYN D. WELCH	KEB - KATIE E. BARNES
KHR - KIM H. RHODES	KRA - KATHY R. ALBERTSON
KRB - KAELY R. BECKER	KRP - KATHY R. PARSONS
LEC - LAURA E. CARPENTER	LKN - LINDA K. NEDEFF
LLS - LARRY L. STEPHENS	LSB - LESLIE S. BUCINA
MBK - MORGAN B. KNOWLTON	MDA - MIKE D. ALBERTSON
MDC - MIKE D. COCHRAN	MES - MARY E. SCHILLING
MLB - MEGAN L. BACHE	MMB - MAREN M. BEERY
MRT - MICHELLE R. TAYLOR	MSW - MATT S. WILSON
PDM - PIERCE D. MORRIS	PIT - MICROBAC WARRENDAL
PRL - PAIGE R. LAMB	PSW - PEGGY S. WEBB
QX - QIN XU	RAH - ROY A. HALSTEAD
REK - BOB E. KYER	RLB - BOB BUCHANAN
RM - RAYMOND MALEKE	RNP - RICK N. PETTY
SAV - SARAH A. VANDENBERG	SDC - SHALYN D. CONLEY
SLM - STEPHANIE L. MOSSBURG	SLP - SHERI L. PFALZGRAF
TB - TODD BOYLE	TMB - TIFFANY M. BAILEY
TMM - TAMMY M. MORRIS	VC - VICKI COLLIER
WJB - WILL J. BEASLEY	WRR - WESLEY R. RICHARDS
WTD - WADE T. DELONG	XXX - UNAVAILABLE OR SUBCONTRACT

October 08, 2014

Qualkey: DOD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Greater than
A	See the report narrative
B	The reported result is associated with a contaminated method blank.
B1	Target analyte detected in method blank at or above the method reporting limit
B3	Target analyte detected in calibration blank at or above the method reporting limit
B4	The BOD unseeded dilution water blank exceeded 0.2 mg/L
C	Confirmed by GC/MS
CG	Confluent growth
CT1	The cooler temperature at receipt exceeded regulatory guidelines for requested testing.
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
F, S	Estimated result below quantitation limit; method of standard additions(MSA)
F,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
FL	Free Liquid
H1	Sample analysis performed past holding time.
H1,CT1	Sample analysis performed past holding time. The cooler temperature at receipt exceeded regulatory guidelines for reque
I	Semiquantitative result (out of instrument calibration range)
J	Estimated concentration; sample matrix interference.
J	Estimated value ; the analyte concentration was greater than the highest standard
J	Estimated value ; the analyte concentration was less than the LOQ.
J	The reported result is an estimated value.
J,B	Analyte detected in both the method blank and sample above the MDL.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
J,H1	Estimated value ; the analyte concentration was less than the LOQ. Sample analysis performed past holding time.
J,H1	The reported result is an estimated value. Sample was analyzed past holding time.
J,P	Estimate; columns don't agree to within 40%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
JB	The reported result is an estimated value. The reported result is also associated with a contaminated method blank.
JQ	The reported result is an estimated value and one or more quality control criteria failed. See narrative.
L	Sample reporting limits elevated due to matrix interference
L1	The associated blank spike (LCS) recovery was above the laboratory acceptance limits.
L2	The associated blank spike (LCS) recovery was below the laboratory acceptance limits.
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Nontarget analyte; the analyte is a tentatively identified compound (TIC) by GC/MS
NA	Not applicable
ND	Not detected at or above the reporting limit (RL/MDL).
ND, B	Not detected at or above the reporting limit (RL). Analyte present in method blank.
ND, CT1	Analyte was not detected. The concentration is below the reported LOD. The cooler temperature at receipt exceeded reg
ND, L	Not detected; sample reporting limit (RL) elevated due to interference
ND, S	Not detected; analyzed by method of standard addition (MSA)
ND,H1	Not detected; Sample analysis performed past holding time.
ND,H1,CT1	Not detected; Sample analysis performed past holding time. The cooler temperature at receipt exceeded regulatory guide
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria failed. See narrative.
Q,H1	One or more quality control criteria failed. Sample analyzed past holding time. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
TNTC, B	Too numerous to count. Analyte present in method blank.
TNTC,CT1	Too numerous to count. The cooler temperature at receipt exceeded regulatory guidelines for requested testing.
TNTC,H1	Too numerous to count. Sample analysis performed past holding time.



Qualkey: DOD

U	Analyte was not detected. The concentration is below the reported LOD.
U,H1	Not detected; Sample analysis performed past holding time.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
UQ	Undetected; the analyte was analyzed for, but not detected.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
X, S	Exceeds regulatory limit; method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below



Rev 1/2013

CHAIN OF CUSTODY

Page \_\_\_\_ of \_\_\_\_

Company: CTI and Associates

Contact: Tim Moore

Telephone: 7347518376

EMAIL: tmoore@cticompanies.com

Project: Moline Street PCB Site

Project #: 2146090001

Location: Aurora, CO

Sampled by: Tim Moore

CT LABORATORIES

Lab Use Only

Place Header Sticker Here

1230 Lange Court, Baraboo, WI 53913

608.356.2760 Fax 608.356.2766

www.ctlaboratories.com

Program:  
QSM RCRA SDWA NPDES

Other:

PO #:

Report to: Tim Moore

EMAIL: tmoore@cticompanies.com

Company: CTI and Associates

Address: 51331 W. Pontiac Trail, Wixom, MI 48393

Invoice to:\* Tim Moore - Jenny Armstrong

EMAIL: jarmstrong@cticompanies.com

Company: CTI and Associates

Address:

\* Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions.

Client Special Instructions:  
SEE ATTACHED

Matrix:  
GW - groundwater SW - surface water WW - wastewater DW - drinking water  
S - soil/sediment SL - sludge A - air M - misc / waste

Collection

Date

Time

Matrix

Grab/Comp

Sample ID Description

10/1/2014

12:30 PM

S

Comp

Moline-10-01-14-MM-S1

10/1/2014

12:30 PM

S

Comp

Moline-10-01-14-MM-S2

Analyses Requested

VOC

SVOC

METALS

HERBICIDES

PESTICIDES

PCBs

Fill in Spaces with Bottles per Test

Filtered? Y / N

Total # of Containers

Designated MS/MSD

Turnaround Time:  
Normal RUSH:  
date needed

Rush analysis REQUIRES  
prior CT Labs' approval.

Surcharges:  
24 hr: 200% 2-3 day: 100%  
4-9 day: 50%

CT Lab ID #  
Lab use only

Relinquished by:  
T. Moore

Date/Time:  
10/1/14 - 2:54 PM

Received by:

Date/Time:

Microbac OVD

Received: 10/02/2014 10:36

By: COURTNEY REXROAD

221000060277

Courtney Rexroad

Date/Time

Lab Use Only

Ice Present: YES NO

Temperature: \_\_\_\_\_

Cooler #: \_\_\_\_\_



**Microbac Laboratories Inc.**

## Internal Chain of Custody Report

Login: L14100125

Account: 2694

Project: 2694.006

Samples: 2

Due Date: 07-OCT-2014

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L14100125-01	446692	PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish	pH
1	LOGIN	COOLER	W1	02-OCT-2014 11:12	CLS		
2	PREP	W1	DIG	02-OCT-2014 13:28	ERP	CLS	
3	ANALYZ*	DIG	SEMI	06-OCT-2014 14:46	CAA	ERP	

*\*Sample extract/digestate/leachate*

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L14100125-02	446693	PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish	pH
1	LOGIN	COOLER	W1	02-OCT-2014 11:12	CLS		
2	PREP	W1	DIG	02-OCT-2014 13:28	ERP	CLS	
3	ANALYZ*	DIG	SEMI	06-OCT-2014 14:46	CAA	ERP	

*\*Sample extract/digestate/leachate*

A1 - Sample Archive (COLD)  
A2 - Sample Archive (AMBIENT)  
F1 - Volatiles Freezer in Login  
V1 - Volatiles Refrigerator in Login  
W1 - Walkin Cooler in Login



# GRADATION REPORT

**Report Number:** 25141623.0006  
**Service Date:** 10/08/14  
**Report Date:** 10/08/14  
**Task:**

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project No. 25141623

ASTM C-136/AASHTO T27		Sieve Analysis of Fine and Coarse Aggregates				
ASTM C-117/AASHTO T11		Materials Finer Than 75 Micron (No. 200) Sieve in Mineral Aggregates by Washing				
Soil Description:		GP-Gm, Poorly graded gravel with silt and sand, A-1-b		Before Wash (g)	After Wash (g)	
Sample No.:	Moline-10-1-14-MM-S2	Sample + Tare:		3155.9	2778.6	
Date Received:	10/1/2014	Tare:		0.0	0.0	
Tested By:	LV	Net Sample:		3155.9	2778.6	
Date Tested:	10/6/2014	Wash Loss:		377.3		
Sieve Size	Wt. Retained (g)	Percent Retained	Percent Passing	Specifications		
				Min.	Max.	Result
2 in.						
1 1/2 in.						
1 in.	0.0	0%	100%			
3/4 in.	127.6	4%	96%	100%		Fail
1/2 in.	795.2	25%	75%			
3/8 in.	1126.7	36%	64%			
#4	1634.5	52%	48%	30%	65%	Pass
#8	1869.9	59%	41%	25%	55%	Pass
#10						
#16	2051.6	65%	35%			
#30	2231.1	71%	29%			
#40	2332.4	74%	26%			
#50	2434.8	77%	23%			
#100	2650.0	84%	16%			
#200	2809.7	89%	11.0%	3%	12%	Pass
Pan	2878.7					

**Notes:** Material is Non-plastic.

**Services:**

**Terracon Rep:**

**Reported To:**

**Contractor:**

## Report Distribution

(1) CTI and Associates, Inc., Timothy

**Reviewed By:** \_\_\_\_\_

Jon D. Doudna, P.E.  
Project Engineer

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently

similar or identical materials.

Jon Devlin

# LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

# Terracon

**Report Number:** 25141623.0005  
**Service Date:** 10/02/14  
**Report Date:** 10/06/14  
**Task:** Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number 25141623

## Material Information

**Source of Material:** Martin Marietta Spec Agg Quarry  
**Proposed Use:** Class 6 Fill

## Sample Information

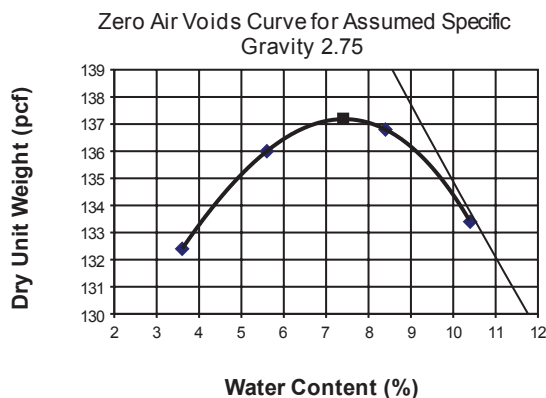
**Sample Date:** 10/01/14  
**Sampled By:** Contractor  
**Sample Location:** Martin Marietta Spec Agg Quarry

**Sample Description:** Moline-10-1-14-MM-S1 (North) Class 6

## Laboratory Test Data

**Test Procedure:** ASTM D698  
**Test Method:** Method C  
**Sample Preparation:** Wet  
**Rammer Type:** Mechanical  
**Maximum Dry Unit Weight (pcf):** 137.2  
**Optimum Water Content (%):** 7.4

	Result	Specifications
<b>Liquid Limit:</b>	Non-plastic	Maximum 30
<b>Plastic Limit:</b>	Non-plastic	
<b>Plasticity Index:</b>	Non-plastic	
<b>In-Place Moisture (%):</b>		
<b>Passing 3/4" (%):</b>	98.0 *	Minimum 100.0
<b>Passing #200 (%):</b>	11.0	3.0 - 12.0
<b>USCS:</b>	Poorly Graded Gravel w/ Silt & Sand	



**Comments:** An asterisk (\*) appears next to test results which do NOT meet the project specifications as noted above.

**Services:** D698, Sieve, PI

**Terracon Rep.:** Contractor

**Reported To:**

**Contractor:**

**Report Distribution:**

(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**

*Jon Doudna*

Jon D. Doudna, P.E.  
Project Engineer

## Test Methods:

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



# GRADATION REPORT

**Report Number:** 25141623.0007  
**Service Date:** 10/08/14  
**Report Date:** 10/08/14  
**Task:**

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project No. 25141623

<b>ASTM C-136/AASHTO T27</b> Sieve Analysis of Fine and Coarse Aggregates						
<b>ASTM C-117/AASHTO T11</b> Materials Finer Than 75 Micron (No. 200) Sieve in Mineral Aggregates by Washing						
<b>Soil Description:</b> GP-GM, Poorly graded gravel with silt and sand. A-1-a		<b>Before Wash (g)</b>		<b>After Wash (g)</b>		
<b>Sample No.:</b> Moline-10-1-14-MM-S1		<b>Sample + Tare:</b>		2382.5		2188.4
<b>Date Received:</b> 10/1/2014		<b>Tare:</b>		0.0		0.0
<b>Tested By:</b> LV		<b>Net Sample:</b>		2382.5		2188.4
<b>Date Tested:</b> 10/6/2014		<b>Wash Loss:</b>		194.1		
Sieve Size	Wt. Retained (g)	Percent Retained	Percent Passing	Specifications		
				Min.	Max.	Result
2 in.						
1 1/2 in.						
1 in.	0.0	0%	100%			
3/4 in.	43.5	2%	98%	100%		Fail
1/2 in.	463.8	19%	81%			
3/8 in.	742.0	31%	69%			
#4	1136.2	48%	52%	30%	65%	Pass
#8	1362.6	57%	43%	25%	55%	Pass
#10	1403.0	59%	41%			
#16	1518.4	64%	36%			
#30	1659.6	70%	30%			
#40	1743.9	73%	27%			
#50	1833.4	77%	23%			
#100	1995.5	84%	16%			
#200	2126.4	89%	10.7%	3%	12%	Pass
Pan	2188.3					

**Notes:** Materis is Non-plastic.

**Services:**

**Terracon Rep:**

**Reported To:**

**Contractor:**

## Report Distribution

(1) CTI and Associates, Inc., Timothy

**Reviewed By:** \_\_\_\_\_

Jon D. Doudna, P.E.  
Project Engineer

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently

similar or identical materials.

Jon David

# LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

# Terracon

Report Number: 25141623.0004

Service Date: 10/02/14

Report Date: 10/06/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

## Client

CTI and Associates, Inc.

Attn: Timothy Moore

51331 Pontiac Trail

Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action

3555 Moline St

Aurora, CO

Project Number 25141623

## Material Information

Source of Material: Martin Marietta Spec Agg Quarry

Proposed Use: Class 6 Fill

## Sample Information

Sample Date: 10/01/14

Sampled By: Contractor

Sample Location: Martin Marietta

Sample Description: Moline-10-1-14-MM-S2 (South) Class 6

## Laboratory Test Data

Test Procedure: ASTM D698

Test Method: Method C

Sample Preparation: Wet

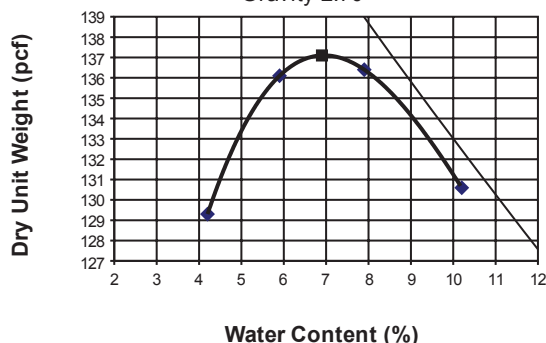
Rammer Type: Manual

Maximum Dry Unit Weight (pcf): 137.1

Optimum Water Content (%): 6.9

	Result	Specifications
Liquid Limit:	Non-plastic	Maximum 30
Plastic Limit:	Non-plastic	
Plasticity Index:	Non-plastic	
In-Place Moisture (%):		
Passing 3/4" (%):	96.0 *	Minimum 100.0
Passing #200 (%):	11.0	3.0 - 12.0
USCS:	Poorly Graded Gravel w/Silt & Sand, GP-GM	

Zero Air Voids Curve for Assumed Specific Gravity 2.70



Comments: An asterisk (\*) appears next to test results which do NOT meet the project specifications as noted above.

Services: D698, Sieve, PI

Terracon Rep.: Contractor

Reported To:

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E.  
Project Engineer

## Test Methods:

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# FIELD DENSITY TEST REPORT

Report Number: 25141623.0008  
Service Date: 10/27/14  
Report Date: 10/28/14  
Task: Earthwork/Field Density Testing

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

## Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South) Class 6 Poorly Graded Gravel w/Silt&Sand	ASTM D698	6.9	137.1	-2/+2	95

## Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
<b>Building C</b>									
1	10' south x 25' east from northwest corner of Building C	3.5' BG	1	8	129.0	6.3	5.1	122.7	89 *
2	15' south x 20' east from northwest corner of Building C	3.5' BG	1	8	130.3	7.4	6.0	122.9	90 *
3	Retest of test 1 from 10/27/14 (dispatch .0008)	3.5' BG	1	8	140.7	10.8	8.3	129.9	95
4	Retest of test 2 from 10/27/14 (dispatch .0008)	3.5' BG	1	8	141.1	11.4	8.8	129.7	95
5	10' south x 18' east from northwest corner of Building C	3' BG	1	8	140.6	10.7	8.2	129.9	95
6	15' south x 28' east from northwest corner of Building C	3' BG	1	8	139.8	10.0	7.7	129.8	95
7	5' south x 25' east from northwest corner of Building C	2.5' BG	1	8	140.3	10.0	7.7	130.3	95
8	15' south x 20' east from northwest corner of Building C	2.5' BG	1	8	142.9	10.5	7.9	132.4	97
9	10' south x 35' east from northwest corner of Building C	2.5' BG	1	8	140.8	11.0	8.5	129.8	95
10	20' south x 30' east from northwest corner of Building C	2' BG	1	8	141.2	9.0	6.8	132.2	96
11	10' south x 20' east from northwest corner of Building C	2' BG	1	8	141.1	9.2	7.0	131.9	96
12	10' south x 30' east from northwest corner of Building C	1.5' BG	1	8	138.6	8.1	6.2	130.5	95
13	20' south x 15' east from northwest corner of Building C	1.5' BG	1	8	138.9	9.2	7.1	129.7	95
14	25' south x 20' east from northwest corner of Building C	1' BG	1	8	137.2	7.3	5.6	129.9	95
15	15' south x 30' east from northwest corner of Building C	1' BG	1	8	138.2	8.6	6.6	129.6	95
16	25' south x 30' east from northwest corner of Building C	0.5' BG	1	8	140.2	9.2	7.0	131.0	96

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

## FIELD DENSITY TEST REPORT

**Report Number:** 25141623.0008  
**Service Date:** 10/27/14  
**Report Date:** 10/28/14  
**Task:** Earthwork/Field Density Testing

# Terracon

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

### Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

### Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

### Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
17	7' south x 20' east from northwest corner of Building C	0.5' BG	1	8	139.4	8.1	6.2	131.3	96

**Datum:** Replacement fill for removed contaminated soil      **Serial No:** 743      **Std. Cnt. M:** 881      **Std. Cnt. D:** 2798

**Comments:** Test and/or retest results on this report meet project requirements as noted above.  
Low (failing) densities for tests 1 and 2. These locations were reworked and received passing retests.

**Services:** Field Density Testing  
**Terracon Rep.:** Travis O. Whalen  
**Reported To:** Ronnie Weeks with CTI and Associates  
**Contractor:**  
**Report Distribution:**  
(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**



Jon D. Doudna, P.E.  
Project Engineer

**Test Methods:** ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

# FIELD DENSITY TEST REPORT

**Report Number:** 25141623.0009  
**Service Date:** 10/28/14  
**Report Date:** 10/30/14  
**Task:** Earthwork/Field Density Testing

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

## Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South) Class 6 Poorly Graded Gravel w/Silt&Sand	ASTM D698	6.9	137.1	-2/+2	95

## Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
<b>Buildings C and D</b>									
1	25' south x 10' east from northwest corner of Building C	Subgrade	1	8	136.9	7.0	5.4	129.9	95
2	10' south x 25' east from northwest corner of Building C	Subgrade	1	8	136.9	6.4	4.9	130.5	95
3	20' south x 30' east from northwest corner of Building C	Subgrade	1	8	136.4	6.6	5.1	129.8	95
4	7' north x 40' west from southeast corner of Building C	4' BG	1	8	138.2	8.3	6.4	129.9	95
5	5' south x 15' east from northwest corner of Building D	2' BG	1	8	136.3	6.6	5.1	129.7	95
6	5' south x 25' east from northwest corner of Building D	2' BG	1	8	137.2	7.0	5.4	130.2	95
7	7' north x 45' east from southeast corner of Building C	3.5' BG	1	8	137.0	7.0	5.4	130.0	95
8	7' north x 5' east from southwest corner of Building D	Subgrade	1	8	139.3	9.5	7.3	129.8	95
9	8' north x 35' west from southeast corner of Building C	2.5' BG	1	8	139.8	8.0	6.1	131.8	96
10	6' north x 45' west from southeast corner of Building C	2.5' BG	1	8	138.8	8.5	6.5	130.3	95

**Datum:** Replacement fill for removed contaminated soil      **Serial No:** 743      **Std. Cnt. M:** 882      **Std. Cnt. D:** 2808

**Comments:** Test and/or retest results on this report meet project requirements as noted above.

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

## **FIELD DENSITY TEST REPORT**

**Report Number:** 25141623.0009  
**Service Date:** 10/28/14  
**Report Date:** 10/30/14  
**Task:** Earthwork/Field Density Testing

**Terracon**

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

### **Client**

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

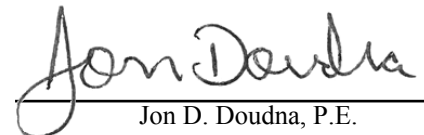
### **Project**

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

**Services:** Field Density Testing  
**Terracon Rep.:** Travis O. Whalen  
**Reported To:** Ronnie Weeks with CTI and Associates  
**Contractor:**  
**Report Distribution:**  
(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**

  
Jon D. Doudna, P.E.  
Project Engineer

**Test Methods:** ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



# FIELD DENSITY TEST REPORT

**Report Number:** 25141623.0010  
**Service Date:** 10/29/14  
**Report Date:** 10/30/14  
**Task:** Earthwork/Field Density Testing

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

## Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South) Class 6 Poorly Graded Gravel w/Sand&Silt	ASTM D698	6.9	137.1	-2/+2	95

## Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
<b>Buildings D and F</b>									
1	5' south x 30' east from northwest corner of Building D	1' BG	1	8	141.2	10.0	7.6	131.2	96
2	5' south x 15' east from northwest corner of Building D	1' BG	1	8	137.1	6.7	5.1	130.4	95
3	12' south x 35' west from northeast corner of Building D	6' BG	1	8	136.1	6.4	4.9	129.7	95
4	20' south x 20' west from northeast corner of Building D	6' BG	1	8	139.8	6.9	5.2	132.9	97
5	8' south x 25' east from northwest corner of Building D	0.5' BG	1	8	138.1	8.2	6.3	129.9	95
6	4' south x 8' east from northwest corner of Building D	0.5' BG	1	8	136.1	6.4	4.9	129.7	95
7	20' south x 35' west from northeast corner of Building D	5.5' BG	1	8	138.8	6.6	5.0	132.2	96
8	10' south x 20' west from northeast corner of Building D	5.5' BG	1	8	140.1	7.3	5.5	132.8	97
9	6' south x 7' west from northeast corner of Building F	Subgrade	1	8	138.9	8.6	6.6	130.3	95
10	10' south x 40' west from northeast corner of Building D	5' BG	1	8	139.9	8.9	6.8	131.0	96
11	20' south x 30' west from northeast corner of Building D	5' BG	1	8	137.3	7.5	5.8	129.8	95
12	15' south x 20' west from northeast corner of Building D	5' BG	1	8	139.6	9.4	7.2	130.2	95
13	3' south x 30' east from northwest corner of Building D	Subgrade	1	8	137.9	7.8	6.0	130.1	95
14	6' south x 10' east from northwest corner of Building D	Subgrade	1	8	141.2	6.6	4.9	134.6	98

**Datum:** Replacement fill for removed cotaminated soil      **Serial No:** 743      **Std. Cnt. M:** 881      **Std. Cnt. D:** 2791

**Comments:** Test and/or retest results on this report meet project requirements as noted above.

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

## **FIELD DENSITY TEST REPORT**

**Report Number:** 25141623.0010  
**Service Date:** 10/29/14  
**Report Date:** 10/30/14  
**Task:** Earthwork/Field Density Testing

**Terracon**

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

### **Client**

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

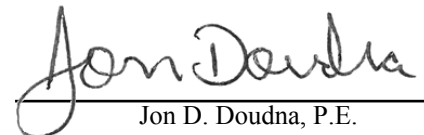
### **Project**

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

**Services:** Field Density Testing  
**Terracon Rep.:** Travis O. Whalen  
**Reported To:** Ronnie Weeks with CTI and Associates  
**Contractor:**  
**Report Distribution:**  
(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**

  
Jon D. Doudna, P.E.  
Project Engineer

**Test Methods:** ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

# FIELD DENSITY TEST REPORT

Report Number: 25141623.0011  
Service Date: 10/30/14  
Report Date: 10/30/14  
Task: Earthwork/Field Density Testing

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

## Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	25141623.0005	Moline-10-1-14-MM-S1 (North) Class 6	ASTM D698	7.4	137.2	+/-2	95

## Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Fill area at building D NE corner									
1	5'W x 5'S of NE corner of fill area	4'BG	1	8	141.6	8.8	6.6	132.8	97
2	13'W x 10'S of NE corner of fill area	4'BG	1	6	140.0	9.0	6.9	131.0	95
3	26'W x 5'S of NE corner of fill	4'BG	1	6	137.7	6.3	4.8	131.4	96
4	retest-test #3	4'BG	1	6	141.3	7.6	5.7	133.7	97
5	20'S x 4'W of NE corner of fill area	3'6"BG	1	6	139.2	7.9	6.0	131.3	96
6	10'S x 17'W of NE corner of fill	3'6"BG	1	6	137.9	7.4	5.7	130.5	95
7	7'S x 26'W of NE corner of fill	3'6"BG	1	6	141.7	8.4	6.3	133.3	97
8	5'S x 8'W of NE corner of fill	3'BG	1	6	142.2	8.6	6.4	133.6	97
9	17'S x 20'W of NE corner of fill	3'BG	1	6	140.1	7.6	5.7	132.5	97
10	6'S x 30'W of NE corner of fill	3'BG	1	6	140.5	7.6	5.7	132.9	97
Fill area at building B									
11	Centerline fill	3'6" BG	1	6	144.2	7.5	5.5	136.7	100
12	centerline of fill	3'BG	1	6	142.3	7.3	5.4	135.0	98
13	centerline of fill	2'6"BG	1	6	142.9	8.6	6.4	134.3	98
14	centerline of fill	2'BG	1	6	140.1	9.0	6.9	131.1	96
15	centerline of fill	1'6"BG	1	6	140.0	7.9	6.0	132.1	96
16	3'E x 4'N SW corner of fill	1'BG	1	6	139.5	8.5	6.5	131.0	95
17	7'E x 10'N of SW corner of fill area	1'BG	1	6	140.8	7.2	5.4	133.6	97
18	2'S x 2'W of NE corner of fill	6"BG	1	6	140.2	7.2	5.4	133.0	97
19	7'S x 4'W of NE corner of fill	6"BG	1	6	137.4	7.0	5.4	130.4	95
20	1'S x 1'W of NE corner of fill	@G	1	8	139.6	7.5	5.7	132.1	96
21	8'S x 5'W of NE corner of fill	@G	1	8	138.8	7.2	5.5	131.6	96

Datum: BG=Below grade

Serial No: 37516

Std. Cnt. M:688

Std. Cnt. D: 2330

Comments: Test and/or retest results on this report meet project requirements as noted above.

Tests #5, 6, 7 were tested in a trench which required a trench offset. offset number applied M=-36, D=-199

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

## **FIELD DENSITY TEST REPORT**

**Report Number:** 25141623.0011  
**Service Date:** 10/30/14  
**Report Date:** 10/30/14  
**Task:** Earthwork/Field Density Testing

**Terracon**

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

### **Client**

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

### **Project**

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

**Services:** Field Density Testing

**Terracon Rep.:** Michael D. Gessert

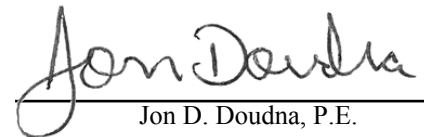
**Reported To:** Paul Haas with CTI

**Contractor:**

**Report Distribution:**

(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**



Jon D. Doudna, P.E.  
Project Engineer

**Test Methods:** ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



# FIELD DENSITY TEST REPORT

**Report Number:** 25141623.0012  
**Service Date:** 10/31/14  
**Report Date:** 11/05/14  
**Task:** Earthwork/Field Density Testing

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

## Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South) Class 6	ASTM D698	6.9	137.1	-2/+2	95

## Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
<b>Buildings C and D</b>									
1	15' south x 40' west from northeast corner of Building D	3' BG	1	8	137.7	6.8	5.2	130.9	95
2	25' south x 30' west from northeast corner of Building D	3' BG	1	8	138.4	6.5	4.9	131.9	96
3	13' south x 20' west from northeast corner of Building D	3' BG	1	8	136.6	6.5	5.0	130.1	95
4	9' north x 20' west from southeast corner of Building C	1.5' BG	1	8	137.5	7.8	6.0	129.7	95
5	10' north x 40' west from southeast corner of Building C	1.5' BG	1	8	136.4	6.4	4.9	130.0	95
6	5' north x 40' west from southeast corner of Building C	1' BG	1	8	136.3	6.5	5.0	129.8	95
7	8' north x 25' west from southeast corner of Building C	1' BG	1	8	136.4	6.4	4.9	130.0	95
8	20' south x 20' west from northeast corner of Building D	2.5' BG	1	8	137.5	6.8	5.2	130.7	95
9	10' south x 35' west from northeast corner of Building D	2.5' BG	1	8	137.3	6.5	5.0	130.8	95
10	5' north x 20' west from southeast corner of Building C	0.5' BG	1	8	139.6	8.9	6.8	130.7	95
11	10' north x 35' west from southeast corner of Building C	0.5' BG	1	8	137.8	8.0	6.2	129.8	95
12	10' north x 25' west from southeast corner of Building C	Subgrade	1	8	136.3	6.4	4.9	129.9	95
13	5' north x 40' west from southeast corner of Building C	Subgrad	1	8	138.4	6.7	5.1	131.7	96

**Datum:** Replacement fill for removed contaminated soil      **Serial No:** 743      **Std. Cnt. M:** 878      **Std. Cnt. D:** 2789

**Comments:** Test and/or retest results on this report meet project requirements as noted above.

At time of first site visit, the contractor was not ready for field density tests.

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

## **FIELD DENSITY TEST REPORT**

**Report Number:** 25141623.0012  
**Service Date:** 10/31/14  
**Report Date:** 11/05/14  
**Task:** Earthwork/Field Density Testing

**Terracon**

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

### **Client**

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

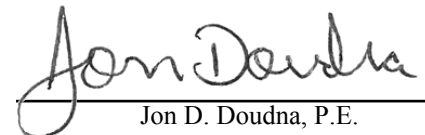
### **Project**

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

**Services:** Field Density Testing  
**Terracon Rep.:** Travis O. Whalen  
**Reported To:** Ronnie Weeks with CTI and Associates  
**Contractor:**  
**Report Distribution:**  
(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**

  
Jon D. Doudna, P.E.  
Project Engineer

**Test Methods:** ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

# FIELD DENSITY TEST REPORT

Report Number: 25141623.0013  
Service Date: 11/04/14  
Report Date: 11/05/14  
Task: Earthwork/Field Density Testing

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

## Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South) Class 6	ASTM D698	6.9	137.1	-2/+2	95

## Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
<b>Building D</b>									
1	10' south x 40' west from northeast corner of Building D	2' BG	1	8	136.4	6.6	5.1	129.8	95
2	25' south x 35' west from northeast corner of Building D	2' BG	1	8	138.0	6.9	5.3	131.1	96
3	15' south x 15' west from northeast corner of Building D	2' BG	1	8	138.0	6.7	5.1	131.3	96
4	15' south x 35' west from northeast corner of Building D	1.5' BG	1	8	138.0	7.2	5.5	130.8	95
5	25' south x 20' west from northeast corner of Building D	1.5' BG	1	8	140.3	8.2	6.2	132.1	96
6	15' south x 20' west from northeast corner of Building D	1' BG	1	8	137.8	6.4	4.9	131.4	96
7	25' south x 30' west from northeast corner of Building D 1' BG	1' BG	1	8	136.6	7.0	5.4	129.6	95
8	10' south x 15' west from northeast corner of Building D	0.5' BG	1	8	137.8	7.9	6.1	129.9	95
9	25' south x 25' west from northeast corner of Building D	0.5' BG	1	8	146.2	11.3	8.4	134.9	98
10	15' south x 40' west from northeast corner of Building D	0.5' BG	1	8	144.6	11.6	8.7	133.0	97

Datum: Replacement fill for removed contaminated soil      Serial No: 743      Std. Cnt. M: 878      Std. Cnt. D: 2757

Comments: Test and/or retest results on this report meet project requirements as noted above.

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

## **FIELD DENSITY TEST REPORT**

**Report Number:** 25141623.0013  
**Service Date:** 11/04/14  
**Report Date:** 11/05/14  
**Task:** Earthwork/Field Density Testing

**Terracon**

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

### **Client**

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

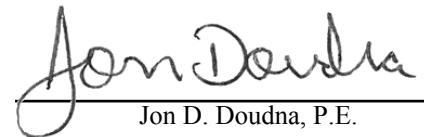
### **Project**

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

**Services:** Field Density Testing  
**Terracon Rep.:** Travis O. Whalen  
**Reported To:** Ronnie Weeks with CTI and Associates  
**Contractor:**  
**Report Distribution:**  
(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**

  
Jon D. Doudna, P.E.  
Project Engineer

**Test Methods:** ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



# FIELD DENSITY TEST REPORT

**Report Number:** 25141623.0013  
**Service Date:** 11/04/14  
**Report Date:** 11/05/14  
**Task:** Earthwork/Field Density Testing

**Terracon**  
10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

## Client

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

## Project

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

## Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South) Class 6	ASTM D698	6.9	137.1	-2/+2	95

## Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
<b>Building D</b>									
1	10' south x 40' west from northeast corner of Building D	2' BG	1	8	136.4	6.6	5.1	129.8	95
2	25' south x 35' west from northeast corner of Building D	2' BG	1	8	138.0	6.9	5.3	131.1	96
3	15' south x 15' west from northeast corner of Building D	2' BG	1	8	138.0	6.7	5.1	131.3	96
4	15' south x 35' west from northeast corner of Building D	1.5' BG	1	8	138.0	7.2	5.5	130.8	95
5	25' south x 20' west from northeast corner of Building D	1.5' BG	1	8	140.3	8.2	6.2	132.1	96
6	15' south x 20' west from northeast corner of Building D	1' BG	1	8	137.8	6.4	4.9	131.4	96
7	25' south x 30' west from northeast corner of Building D 1' BG	1' BG	1	8	136.6	7.0	5.4	129.6	95
8	10' south x 15' west from northeast corner of Building D	0.5' BG	1	8	137.8	7.9	6.1	129.9	95
9	25' south x 25' west from northeast corner of Building D	0.5' BG	1	8	146.2	11.3	8.4	134.9	98
10	15' south x 40' west from northeast corner of Building D	0.5' BG	1	8	144.6	11.6	8.7	133.0	97

**Datum:** Replacement fill for removed contaminated soil      **Serial No:** 743      **Std. Cnt. M:** 878      **Std. Cnt. D:** 2757

**Comments:** Test and/or retest results on this report meet project requirements as noted above.

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

## **FIELD DENSITY TEST REPORT**

**Report Number:** 25141623.0013  
**Service Date:** 11/04/14  
**Report Date:** 11/05/14  
**Task:** Earthwork/Field Density Testing

**Terracon**

10625 W I-70 Frontage Rd N Ste 3  
Wheat Ridge, CO 80033  
303-423-3300

### **Client**

CTI and Associates, Inc.  
Attn: Timothy Moore  
51331 Pontiac Trail  
Wixom, MI 48393

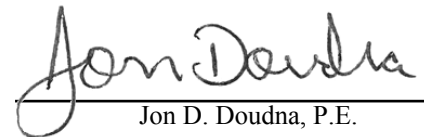
### **Project**

Moline Street PCB Site Removal Action  
3555 Moline St  
Aurora, CO

Project Number: 25141623

**Services:** Field Density Testing  
**Terracon Rep.:** Travis O. Whalen  
**Reported To:** Ronnie Weeks with CTI and Associates  
**Contractor:**  
**Report Distribution:**  
(1) CTI and Associates, Inc., Timothy Moore

**Reviewed By:**

  
Jon D. Doudna, P.E.  
Project Engineer

**Test Methods:** ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.